

SOLICITATION, OFFER, AND AWARD (Construction, Alteration, or Repair)	1. SOLICITATION NO.	2. TYPE OF SOLICITATION	3. DATE ISSUED	PAGE OF PAGES
	S-IZ100-11-R-0060	<input type="checkbox"/> SEALED BID (IFB) <input checked="" type="checkbox"/> NEGOTIATED (RFP)	August 22, 2011	1 of 165

IMPORTANT - The "offer" section on the reverse must be fully completed by offeror.

4. CONTRACT NO.		5. REQUISITION/PURCHASE REQUEST NO.	6. PROJECT NO.
7. ISSUED BY	CODE	8. ADDRESS OFFER TO	
American Embassy Al-Kindi Street International Zone Bagdad, Iraq		BaghdadGSOProcBid@state.gov	
9. FOR INFORMATION CALL:	➔	A. NAME	B. TELEPHONE NO. (Include area code) (NO COLLECT CALLS) BaghdadGSOProcurement@state.gov

SOLICITATION

NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder."

10. THE GOVERNMENT REQUIRES PERFORMANCE OF THE WORK DESCRIBED IN THESE DOCUMENTS (Title, identifying no., date):

Renovation (make ready) of compound housing to meet the national building and safety code in RRT Erbil, Iraq.

- A. SF-1442, Solicitation, Offer and Award
- B. Supplies or Services and Prices
- C. Description/Specifications / Statement of Work
- D. Packaging and Marking
- E. Inspection and Acceptance
- F. Deliveries or Performance
- G. Contract Administration
- H. Special Contract Requirements
- I. Contract Clauses
- J. List of Attachments
- K. Representations, Certifications, and other Statements of Offerors or Quoters
- L. Instructions, Conditions, and Notices to Offerors or Quoters
- M. Evaluation Factors For Award

11. The Contractor shall begin performance within 5 calendar days and complete it within 60 calendar days after receiving ☐ award, ☒ notice to proceed. This performance period is ☒ mandatory, ☐ negotiable. (See _____.)

12A. THE CONTRACTOR MUST FURNISH ANY REQUIRED PERFORMANCE AND PAYMENT BONDS? (If "YES," indicate within how many calendar days after award in Item 12B.)	12B. CALENDAR DAYS
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	10

13. ADDITIONAL SOLICITATION REQUIREMENTS:

Sealed offers in original and 2 copies to perform the work required are due at the place specified in Item 8 by **12:00 noon on September 22, 2011** local time. If this is a sealed bid solicitation, offers must be publicly opened at that time. Sealed envelopes containing offers shall be marked to show the offeror's name and address, the solicitation number, and the date and time offers are due.

An offer guarantee ☐ is, ☒ is not required.

All offers are subject to the (1) work requirements, and (2) other provisions and clauses incorporated in the solicitation in full text or by referenced. Offers providing less than 90 calendar days for Government acceptance after the date offers are due will not be considered and will be rejected.

OFFER *(Must be fully completed by offeror)***14. NAME AND ADDRESS OF OFFEROR** *(Include ZIP Code)***15. TELEPHONE NO.** *(Include area code)***16. REMITTANCE ADDRESS** *(Include only if different than Item 14)*

CODE

FACILITY CODE

17. The offeror agrees to perform the work at the prices specified below in strict accordance with the terms of this solicitation, if this offer is accepted by the Government within 60 calendar days after the date offers are due. *(Insert any number equal to or greater than the minimum requirement stated in Item 13D. Failure to insert any number means the offeror accepts the minimum in Item 13D.)*

AMOUNTS

18. The offeror agrees to furnish any required performance and payment bonds.

19. ACKNOWLEDGMENT OF AMENDMENTS*The offeror acknowledges receipt of amendments to the solicitation -- give number and date of each***AMENDMENT NO.****DATE****20A. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER**
*(Type or print)***B. SIGNATURE****C. OFFER DATE****AWARD** *(To be completed by Government)*

21. ITEMS ACCEPTED:

22. AMOUNT

23. ACCOUNTING AND APPROPRIATION DATA

24. SUBMIT INVOICES TO ADDRESS SHOWN IN
(4 copies unless otherwise specified)ITEM
Block 7

25. OTHER THAN FULL AND OPEN COMPETITION PURSUANT TO

☐ 10 U.S.C. 2304(c)()☐ 41 U.S.C. 253(c)()

26. ADMINISTERED BY CODE

27. PAYMENT WILL BE MADE BY

American Embassy Bagdad

CONTRACTING OFFICER WILL COMPLETE ITEM 28 OR 29 AS APPLICABLE

☒ 28. NEGOTIATED AGREEMENT *(Contractor is required to sign this document and return 1 copies to issuing office.)* Contractor agrees to furnish and deliver all items or perform all work, requisitions identified on this form and any continuation sheets for the consideration slated in this contract. The rights and obligations of the parties to this contract shall be governed by (a) this contract award, (b) the solicitation, and (c) the clauses, representations, certifications, and specifications or incorporated by reference in or attached to this contract.

☐ 29. AWARD *(Contractor is not required to sign this document.)* Your offer on this solicitation is hereby accepted as to the items listed. This award consummates the contract, which consists of (a) the Government solicitation and your offer, and (b) this contract award. No further contractual document is necessary.

30A. NAME AND TITLE OF CONTRACTOR OR PERSON AUTHORIZED TO SIGN *(Type or print)*

31A. NAME OF CONTRACTING OFFICER (TYPE OR PRINT)

Joseph D Hogan

30B. SIGNATURE

30C. DATE

31B. UNITED STATES OF AMERICA
BY

31C. AWARD DATE

SECTION B – SUPPLIES OR SERVICES AND PRICES/COSTS

B.1 CONTRACT PRICE

The contractor shall complete all work, including furnishing all labor, material, equipment and services required under this purchase order for the following firm fixed price and within the time specified. This price shall include all labor, materials, overhead (including insurance required by FAR 52.228-4, Workers' Compensation and War-Hazard Insurance, which shall be a direct reimbursement), DBA insurance (required by 652.228-71 Worker's Compensation Insurance (Defense Base Act) – Services (JUN 2006), general liability insurance (required by Section G.2.1) and profit.

#	Task as described in Attachment 4 to Section J	Property #	Total USD
1	Task # 1	S-010	
2	Task # 2	S-011	
3	Task # 3	S-039	
4	Task # 4	S-040	
5	Task # 5	S-041	
6	Task # 6	S-042 & S-044 Elect	
7	Task # 7	S-042 & S-044 Patch Paint	
Contract Total			

USD _____ Total Price

DBA _____

TOTAL CONTRACT PRICE including DBA _____

B.2 TYPE OF CONTRACT

This is a firm fixed price contract payable entirely in the currency indicated in the SF-1442. No additional sums will be payable for any escalation in the cost of materials, equipment or labor, or because of the contractor's failure to properly estimate or accurately predict the cost or difficulty of achieving the results required. The Government will not adjust the contract price due to fluctuations in currency exchange rates. The Government will only make changes in the contract price or time to complete due to changes made by the Government in the work to be performed, or by delays caused by the Government.

The Government will make payments based on quantities and unit prices only to the extent specifically provided in the contract.

SECTION C – DESCRIPTION/SPECIFICATIONS/STATEMENT OF WORK

C.1 CHARACTER AND SCOPE OF WORK

The Contractor shall furnish and install all materials required by this contract. The Specifications/Statement of Work are set forth in Section J as Attachment 4.

C.2 DRAWINGS

In case of differences between small and large-scale drawings, the latter will govern. Where a portion of the work is drawn in detail and the remainder of the work is indicated in outline, the parts drawn in detail shall apply also to all other portions of the work.

SECTION D - PACKAGING AND MARKING

D.1 The Contractor shall mark materials delivered to the site as follows:

Consulate Erbil
Contracting Officer
Contract Number S-IZ-100-11-C-XXXX – Task # _____
Ankawa Compound
Erbil
Kurdistan Region, Iraq

SECTION E - INSPECTION AND ACCEPTANCE

E.1 FAR 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at

<http://acquisition.gov/far/index.html> or, <http://farsite.hill.af.mil/search.htm>

These addresses are subject to change. If the Federal Acquisition Regulation (FAR) is not available at the locations indicated above, use the Dept. of State Acquisition Website at

<http://www.statebuy.state.gov/> to see the links to the FAR. You may also use an Internet “search engine” (such as, Yahoo, Excite, Alta Vista, etc.) to obtain the latest location of the most current FAR.

FEDERAL ACQUISITION REGULATION (48 CFR CH. 1)

52.246-12	INSPECTION OF CONSTRUCTION	AUG 1996
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E.2 QUALITY ASSURANCE

The Contractor shall institute an appropriate inspection system set forth in a Quality Assurance Plan. The plan shall include checklists of duties to be carried out, ensuring these duties are carried out by the supervisory staff and senior employees, and carrying out weekly inspections to determine whether the various services are being performed according to the contract. The Contractor shall provide copies of the weekly inspection reports to the COR.

The Contractor shall correct and improve promptly any shortcomings and substandard conditions noted during inspections. The Contractor shall bring any conditions beyond the responsibility of the Contractor to the attention of the Contracting Officer or COR.

E.2.1 MONTHLY REPORT: The Contractor shall submit to the COR a monthly progress report, along with the monthly invoice, summing up observations resulting from the inspections, progress, difficulties or irregularities encountered, resolution of problems, measures taken to improve conditions, recommendations, and other matters related to this contract.

E.2.2. INSPECTION BY GOVERNMENT: The COR, or his/her authorized representatives, will inspect from time to time the services being performed and the supplies furnished to determine whether work is being performed in a satisfactory manner, and that all supplies are of acceptable quality and standards.

The Contractor shall be responsible for any countermeasures or corrective action, within the scope of this contract, which may be required by the Contracting Officer as a result of such inspection.

E.3 SUBSTANTIAL COMPLETION

E.3.1 DEFINITIONS

- (a) "Substantial Completion" means the stage in the progress of the work as determined and certified by the Contracting Officer in writing to the Contractor, on which the work (or a portion designated by the Government) is sufficiently complete and satisfactory. Substantial completion means that the property may be occupied or used for the purpose for which it is intended, and only minor items such as touch-up, adjustments, and minor replacements or installations remain to be completed or corrected which:
1. do not interfere with the intended occupancy or utilization of the work, and
 2. can be completed or corrected within the time period required for final completion.
- (b) The "date of substantial completion" means the date determined by the Contracting Officer or authorized Government representative as of which substantial completion of the work has been achieved.

E.3.2 USE AND POSSESSION UPON SUBSTANTIAL COMPLETION

The Government shall have the right to take possession of and use the work upon substantial completion. Upon notice by the Contractor that the work is substantially complete (a Request For Substantial Completion) and an inspection by the Contracting Officer or an authorized Government representative (including any required tests), the Contracting Officer shall furnish the Contractor a Certificate of Substantial Completion. The certificate shall be accompanied by a Schedule of Defects listing items of work remaining to be performed, completed or corrected before final completion and acceptance. Failure of the Contracting Officer to list any item of work shall not relieve the Contractor of responsibility for complying with the terms of the contract. The Government's possession or use upon substantial completion shall not be deemed an acceptance of any work under the contract.

E.4 FINAL COMPLETION AND ACCEPTANCE

E.4.1 DEFINITIONS

- (a) "Final completion and acceptance" means the stage in the progress of the work as determined by the Contracting Officer and confirmed in writing to the Contractor, at which all work required under the contract has been completed in a satisfactory manner, subject to the discovery of defects after final completion, and except for items specifically excluded in the notice of final acceptance.
- (b) The "date of final completion and acceptance" means the date determined by the Contracting Officer when final completion of the work has been achieved, as indicated by written notice to the Contractor.

E.4.2 FINAL INSPECTION AND TESTS

The Contractor shall give the Contracting Officer at least five (5) days advance written notice of the date when the work will be fully completed and ready for final inspection and tests. Final inspection and tests will be started not later than the date specified in the notice unless the Contracting Officer determines that the work is not ready for final inspection and so informs the Contractor.

E.4.3 FINAL ACCEPTANCE

If the Contracting Officer is satisfied that the work under the contract is complete (with the exception of continuing obligations), the Contracting Officer shall issue to the Contractor a notice of final acceptance and make final payment upon:

- (a) satisfactory completion of all required tests,
- (b) a final inspection that all items by the Contracting Officer listed in the Schedule of Defects have been completed or corrected and that the work is finally complete

(subject to the discovery of defects after final completion), and

- (c) submittal by the Contractor of all documents and other items required upon completion of the work, including a final request for payment (Request for Final Acceptance).

SECTION F - DELIVERIES OR PERFORMANCE

F.1 FAR 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at:

<http://acquisition.gov/far/index.html> or, <http://farsite.hill.af.mil/search.htm>

These addresses are subject to change. If the Federal Acquisition Regulation (FAR) is not available at the locations indicated above, use the Dept. of State Acquisition Website at <http://www.statebuy.state.gov/> to see the links to the FAR. You may also use an Internet "search engine" (such as, Yahoo, Excite, Alta Vista, etc.) to obtain the latest location of the most current FAR.

FEDERAL ACQUISITION REGULATION (48 CFR CH. 1)

52.242.14	SUSPENSION OF WORK	APR 1984
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F.2 52.211-10 COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK (APR 1984)

The Contractor shall be required to:

- (a) commence work under this contract within Five (5) days after the date the Contractor receives the notice to proceed,
- (b) prosecute the work diligently, and
- (c) complete the entire work ready for use not later than Sixty (60) days after Notice to Proceed. The time stated for completion shall include final cleanup of the premises and completion of "punch list" items.

F.3 LIQUIDATED DAMAGES

F.3.1 52.211-12 LIQUIDATED DAMAGES - CONSTRUCTION (SEP 2000)

- (a) If the Contractor fails to complete the work within the time specified in the contract, or any extension, the Contractor shall pay liquidated damages to the Government in the amount of **\$1,082.19** for each day of delay until the work is completed or accepted.
- (b) If the Government terminates the Contractor's right to proceed, liquidated damages will continue to accrue until the work is completed. These liquidated damages are in addition to excess costs of repurchase under the Default clause.

F.3.2. ASSESSMENT AND APPORTIONMENT OF LIQUIDATED DAMAGES

Liquidated damages will be assessed from the completion date indicated in the contract or extensions thereof to the date of substantial completion as actually achieved by the Contractor, as determined by the Contracting Officer.

F.4 CONTRACTOR'S SUBMISSION OF CONSTRUCTION SCHEDULES

- (a) The time for submission of the schedules referenced in Section I, 52.236-15, "Schedules for Construction Contracts", paragraph (a), is hereby modified to reflect the due date for submission as "ten (10) days after receipt of an executed contract".
- (b) These schedules shall include the time by which shop drawings, product data, samples and other submittals required by the contract will be submitted for approval.
- (c) The Contractor shall revise such schedules (1) to account for the actual progress of the work, (2) to reflect approved adjustments in the performance schedule, and (3) as required by the Contracting Officer to achieve coordination with work by the Government and any separate contractors used by the Government. The Contractor shall submit a schedule which sequences work so as to minimize disruption at the job site.
- (d) All schedules shall be in the English language and any system of dimensions (English or metric) shown shall be consistent with that used in the contract. No extension of time shall be allowed due to a delay by the Government in approving such deliverables if the Contractor has failed to act promptly and responsively in submitting its deliverables. The Contractor shall identify each deliverable as required by the contract.

F.5 ACCEPTANCE OF SCHEDULE

When the Government has accepted any time schedule, it shall be binding upon the Contractor. The completion date is fixed and may be extended only by a written contract modification signed by the Contracting Officer. Acceptance or approval of any schedule or revision thereof by the Government shall not (1) extend the completion date or obligate the Government to do so, (2) constitute acceptance or approval of any delay, or (3) excuse the Contractor from or relieve the Contractor of its obligation to maintain the progress of the work and achieve final completion by the established completion date.

F.6 NOTICE OF DELAY

If the Contractor receives a notice of any change in the work, or if any other conditions arise which are likely to cause or are actually causing delays which the Contractor believes may result in late completion of the project, the Contractor shall notify the Contracting Officer. The Contractor's notice shall state the effect, if any, of such change or other conditions upon the approved schedule, and shall state in what respects, if any, the relevant schedule or the completion date should be revised. The Contractor shall give this notice not more than ten (10) days after the first event-giving rise to the delay or prospective delay. Only the Contracting Officer may make revisions to the approved time schedule.

F.7 NOTICE TO PROCEED

- (a) After receiving and accepting any bonds or evidence of insurance, the Contracting Officer will issue the Contractor a Notice to Proceed. The Contractor shall then prosecute the work commencing and completing performance not later than the time period established in the contract.
- (b) It is possible that the Contracting Officer may elect to issue the Notice to Proceed before receipt and acceptance of any bonds. Issuance of a Notice to Proceed by the Government before receipt of the required bonds or policies shall not be a waiver of the requirement to furnish these documents.

F.8 WORKING HOURS

All work shall be performed during regular workdays (Sunday to Thursday) between 08:00 and 17:00 except for the holidays identified below. Other hours, if requested by the Contractor, may be approved by the Contracting Officer's Representative. The Contractor shall give 24 hours in advance to COR who will consider any deviation from the hours identified above. Changes in work hours will not be a cause for a price increase.

- (a) The Department of State observes the following days as holidays:

- New Year's Day
- Martin Luther King's Birthday
- Washington's Birthday
- Memorial Day
- Independence Day
- Labor Day
- Columbus Day
- Veterans Day
- Thanksgiving Day
- Christmas Day

Any other day designated by Federal law, Executive Order or Presidential Proclamation, and all official holidays of the Republic of Iraq.

When any such day falls on a Saturday, the preceding Friday is observed; when any such day falls on a Sunday, the following Monday is observed. Observance of such days by Government personnel shall not be cause for additional period of performance or entitlement to compensation except as set forth in the contract. If the contractor's personnel work on a holiday, no form of holiday or other premium compensation will be reimbursed either as a direct or indirect cost, unless authorized pursuant to an overtime clause elsewhere in this contract.

F.9 EXCUSABLE DELAYS

The Contractor will be allowed time, not money, for excusable delays as defined in FAR 52.249-10, Default. Examples of such cases include:

- (1) acts of God or of the public enemy,
- (2) acts of the United States Government in either its sovereign or contractual capacity,
- (3) acts of the government of the host country in its sovereign capacity,
- (4) acts of another contractor in the performance of a contract with the Government,
- (5) fires,
- (6) floods,
- (7) epidemics,
- (8) quarantine restrictions,
- (9) strikes,
- (10) freight embargoes,
- (11) delays in delivery of Government furnished equipment and
- (12) unusually severe weather.

In each instance, the failure to perform must be beyond the control and without the fault or negligence of the Contractor, and the failure to perform. Furthermore, the failure:

- (1) must be one that the Contractor could not have reasonably anticipated and taken adequate measures to protect against,
- (2) cannot be overcome by reasonable efforts to reschedule the work, and
- (3) directly and materially affects the date of final completion of the project.

F.10 PRECONSTRUCTION CONFERENCE

A preconstruction conference will be held 2 days after contract award at the U.S. Embassy Baghdad, Iraq to discuss the schedule, submittals, notice to proceed, mobilization and other important issues that affect construction progress. See FAR 52.236-26, Pre-Construction Conference in Section I.

F.11 DELIVERABLES

The following items shall be delivered under this contract:

E.	Description	Quantity	Delivery Date	Deliver To:
H.1.2.	Bonds/Insurance/Letter of Bank Guaranty	1	10 days after award	CO
H.11.1.	Safety Plan	1	10 days after award	COR
E.2.	Quality Assurance Plan	1	10 days after award	COR
F.4.	Construction Schedule	1	5 days after award	COR
H.14.1.	Submittal Register	1	10 days after award	COR
F.10.	Pre-Construction Conference	1	10 days after award	COR

H.13.2. Biographic Data on Personnel	1	5 days after award	COR
E.2. Inspection Reports	1	3 days after end of weekly period	COR
G.3.2 Payment Request	1	Upon completion of work	COR
E.3.2. Request for Substantial Completion	1	5 days before inspection	COR
H.4.4. As-built Drawings and Warranties	1	After final completion but before final acceptance	COR
E.4.2. Request for Final Acceptance	1	5 days before inspection	COR
F.6 Notice of Delay	1	Within 10 days after event	CO
F.8 Additional Hours	1	No later than 24 hours in advance of need	COR
H.2.4 Evidence of Insurance	1	10 days after award	CO
H.17.2 Differing Site Condition	1	Within 10 days of occurrence	CO
Attachment 4: Project design Notes/Sketches	1	10 days after NTP	COR
E.2.1. Monthly Progress Report	1	7 th day of the following month	COR
F.4.(c). Updates to Construction Schedule	1	Last day of each month	COR

SECTION G - CONTRACT ADMINISTRATION DATA

G.1 AUTHORITY OF CONTRACTING OFFICER

All work shall be performed under the general direction of the Contracting Officer, who alone shall have the power to bind the Government and to exercise the rights, responsibilities, authorities and functions vested by the contract.

G.2 MONITORING OF THE CONTRACTOR

G.2.1. 652.242-70 CONTRACTING OFFICER'S REPRESENTATIVE (COR) (AUG 1999)

- (a) The Contracting Officer may designate in writing one or more Government employees, by position title, to take action for the Contracting Officer under this contract. Each designee shall be identified as a Contracting Officer's Representative (COR). Such designation(s) shall specify the scope and limitations of the authority so delegated; provided, that the designee shall not change the terms or

conditions of the contract, unless the COR is a warranted Contracting Officer and this authority is delegated in the designation.

- (b) The COR for this contract is the Facilities Manager

G.2.2 DUTIES

The COR is responsible for inspection and acceptance of services. These duties include review of Contractor invoices, including the supporting documentation required by the contract. The COR may provide technical advice, substantive guidance, inspections, invoice approval, and other purposes as deemed necessary under the contract. The COR is designated as the authority to act for the Contracting Officer in matters concerning technical clarification, random inspection of Contractor performance to ensure compliance with contract specifications and acceptance of the Contractor's performance under this contract. The COR will coordinate all work with the Contractor during the term of this contract. The COR is not authorized to alter the contract's terms, or conditions, including the design to budget parameter. Such changes must be authorized by the Contracting Officer in a written modification to the contract. Reference to the project architect within documents incorporated into this contract shall be read to mean COR.

G.3 PAYMENT

G.3.1 GENERAL

Payments are subject to FAR 52.232-5, "Payments Under Fixed-Price Construction Contracts".

G.3.2 DETAIL OF PAYMENT REQUESTS

Each application for payment shall cover the value of labor and materials completed and in place, including a prorated portion of overhead and profit. The Government will make payments no more frequently than monthly, unless otherwise provided in this contract. The Contractor shall address invoices to:

U.S Embassy Baghdad
Financial Management Officer
International Zone
Baghdad, Iraq

Alternately, invoices may be submitted in Acrobat PDF format only, to this email address:

BaghdadVouchers@state.gov

G.3.3 PAYMENTS TO SUBCONTRACTORS

The Contractor shall make timely payment from the proceeds of the progress or final payment for which request is being made to subcontractors and suppliers following the Contractor's contractual arrangements with them.

G.3.4 EVALUATION BY THE CONTRACTING OFFICER

Following receipt of the Contractor's request for payment, and on the basis of an inspection of the work, the Contracting Officer shall make a determination as to the amount that is then due. If the Contracting Officer does not approve payment of the full amount applied for, less the retainage addressed in FAR 52.232-5, the Contracting Officer shall advise the Contractor of the reasons.

G.3.5 ADDITIONAL WITHHOLDING

The Government may withhold from payments due the Contractor any amounts as may be considered necessary to cover --

- (a) Wages or other amounts due the Contractor's employees on this project;
- (b) Wages or other amounts due employees of subcontractors on this project;
- (c) Amounts due suppliers of materials or equipment for this project; and
- (d) Any other amounts for which the Contractor may be held liable under this contract, including but not limited to the actual or prospective costs of correction of defective work and prospective liquidated damage when the Contractor has failed to make adequate progress.

This withholding is independent of monies retained by the Government under FAR 52.232-5, or otherwise as permitted to be retained under this contract.

G.3.6. PAYMENT

Under the authority of 52.232-27(a) the 14 day period identified in FAR 52.232-27(a)(1)(i)(A) is hereby changed to 30 days.

G.4 SYNCHRONIZED PREDEPLOYMENT AND OPERATIONAL TRACKER (SPOT)

In accordance with paragraph (g) of contract clause 52.225-19, Contractor Personnel in a Designated Operational Area or Supporting a Diplomatic or Consular Mission Outside the United States, the contractor shall use Synchronized Predeployment and Operational Tracker (SPOT). Contractor shall enter before deployment, or if already in the designated operational area, enter upon becoming an employee under the contract, and maintain current data, including departure data, for all Contractor personnel that are authorized to support a diplomatic or consular mission outside the United States. Information on how to register in SPOT is available at <http://www.dod.mil/bta/products/spot.html>

SECTION H - SPECIAL CONTRACT REQUIREMENTS

H.1 BOND/IRREVOCABLE LETTERS OF CREDIT REQUIREMENTS

H.1.1 BONDS/IRREVOCABLE LETTERS OF CREDIT REQUIRED

The Contractor shall furnish (1) a performance and guaranty bond and a payment bond on forms provided by and from sureties acceptable to the Government, each in the amount of 20% of the contract price, or (2) comparable alternate performance security (irrevocable letter of credit) approved by the Government such as letter of credit/guaranty shown in Section J.

H.1.2 TIME FOR SUBMISSION

The Contractor shall provide the bonds or alternate security as required by the paragraph H.1.1 above within ten (10) days after contract award. Failure to submit (1) the required bonds or other security acceptable to the Government in a timely manner; (2) bonds from an acceptable surety; or (3) bonds in the required amount, may result in rescinding or termination of the contract by the Government. If the contract is terminated, the contractor will be liable for those costs as described in FAR 52.249-10, "Default (Fixed-Price Construction).

H.1.3 COVERAGE

The bonds or alternate performance security shall guarantee the Contractor's execution and completion of the work within the contract time and the correction of any defects after completion as required by this contract, the payment of all wages and other amounts payable by the Contractor under its subcontracts or for labor and materials, and the satisfaction or removal of any liens or encumbrances placed on the work.

H.1.4 DURATION OF COVERAGE

The required performance and payment securities shall remain in effect in the full amount required until final acceptance of the project by the Government. Upon final acceptance, the penal sum of the performance security only shall be reduced to 10% of the contract price. The performance security shall remain in effect for one year after the date of final completion and acceptance, and the Contractor shall pay any premium required for the entire period of coverage. The requirement for payment security terminates at final acceptance.

H.1.5 FAR 52.228-2 - ADDITIONAL BOND SECURITY (OCT 1997)

The Contractor shall promptly furnish additional security required to protect the Government and persons supplying labor or materials under this contract if --

- (a) Any surety upon any bond, or issuing financial institution for other security, furnished with this contract becomes unacceptable to the Government;
- (b) Any surety fails to furnish reports on its financial condition as required by the Government; or

- (c) The contract price is increased so that the penal sum of any bond becomes inadequate in the opinion of the Contracting Officer; or
- (d) An irrevocable letter of credit (ILC) used as security will expire before the end of the period of required security. If the contractor does not furnish an acceptable extension or replacement ILC, or other acceptable substitute, at least 30 days before an ILC's scheduled expiration, the Contracting Officer has the right to immediately draw on the ILC.

H.2 INSURANCE

H.2.1 AMOUNT OF INSURANCE

The Contractor is required by FAR 52.228-5 to provide whatever insurance is legally necessary. The Contractor, shall, at its own expense, provide and maintain during the entire performance period the following insurance amounts:

General Liability (includes premises/operations, collapse hazard, products, completed operations, contractual, independent contractors, broad form property damage, personal injury)

1. Bodily Injury on or off the site stated in US Dollars:

Per Occurrence	\$10,000
Cumulative	\$100,000

2. Property Damage on or off the site in US Dollars:

Per Occurrence	\$10,000
Cumulative	\$100,000

The foregoing types and amounts of insurance are the minimums required. The Contractor shall obtain any other types of insurance required by local law or that are ordinarily or customarily obtained in the location of the work. The limit of such insurance shall be as provided by law or sufficient to meet normal and customary claims.

The Contractor agrees that the Government shall not be responsible for personal injuries or for damages to any property of the Contractor, its officers, agents, servants, and employees, or any other person, arising from an incident to the Contractor's performance of this contract. The Contractor shall hold harmless and indemnify the Government from any and all claims arising there from, except in the instance of gross negligence on the part of the Government.

The Contractor shall obtain adequate insurance for damage to, or theft of, materials and equipment in insurance coverage for loose transit to the site or in storage on or off the site.

H.2.2 GOVERNMENT AS ADDITIONAL INSURED

The general liability policy required of the Contractor shall name "the United States of America, acting by and through the Department of State", as an additional insured with respect to operations performed under this contract.

H.2.3 INSURANCE-RELATED DISPUTES

Failure to agree to any adjustment contemplated under this contract regarding insurance shall be a dispute within the meaning of the clause in Section I, 52.233-1, Alternate I, "Disputes". Nothing in this clause shall excuse the Contractor from proceeding with the work.

H.2.4 TIME FOR SUBMISSION OF EVIDENCE OF INSURANCE

The Contractor shall provide evidence of the insurance required under this contract within ten (10) days after contract award. Failure to timely submit this evidence, in a form acceptable to the Contracting Officer, may result in rescinding or termination of the contract by the Government.

H.3 DEFINITIONS

In addition to the definitions provided in Section I, FAR 52.202-1 and DOSAR 652.202-70, the following definitions shall apply when used in connection with this contract:

- (a) Contract Drawings or Drawings, where indicated by the context, means those drawings specifically listed in the construction contract or as later incorporated into the contract by contract modification.
- (b) Day means a calendar day unless otherwise specifically indicated.
- (c) Host Country means the country in which the project is located.
- (d) Material means all materials, fixtures and other articles incorporated in, or which are intended to remain with, the project.
- (e) Notice to Proceed means a written notice to the Contractor from the Contracting Officer authorizing the Contractor to proceed with the work under the contract as of a date set forth in the Notice.
- (f) Other Submittals includes progress schedules, shop drawings, testing and inspection reports, and other information required by the contract to be submitted by the Contractor for information or approval by the Government.
- (g) Project Data includes standard drawings, diagrams, layouts, schematics, descriptive literature, illustrations, schedules, performance and test data, and similar materials furnished by the Contractor to explain in detail specific portions of the work required by the contract.

- (h) Samples are physical examples which illustrate materials, equipment or workmanship and establish standards by which the work will be judged.
- (i) Schedule of Defects means the list of items, prepared in connection with substantial completion of the work or early occupancy or utilization of a portion thereof, which the Contracting Officer has designated as remaining to be performed, completed or corrected before the work will be accepted by the Government.
- (j) Separate Contractor means a contractor, other than the Contractor or any of its subcontractors, to whom the Government has awarded a contract for construction of a portion of the project.
- (k) Work means any and all permanent construction which is intended to be incorporated into the finished project and required to be performed or otherwise provided by the Contractor under this contract, unless otherwise indicated by the context.

H.4 OWNERSHIP AND USE OF DOCUMENTS

H.4.1 OWNERSHIP AND USE OF DRAWINGS, SPECIFICATIONS AND MODELS

- (a) **OWNERSHIP.** All specifications, drawings, and copies thereof, and models, are the property of the Government.
- (b) **USE AND RETURN.** The contractor shall not use or allow others to use the documents described in (a) above on other work. The Contractor shall return or account for the signed contractor set and additional copies provided to or made by the Contractor upon final completion of the work.

H.4.2 SUPPLEMENTAL DOCUMENTS

The Contracting Officer shall furnish from time to time such detailed drawings and other information as is considered necessary, in the opinion of the Contracting Officer, to interpret, clarify, supplement, or correct inconsistencies, errors or omissions in the Contract documents, or to describe minor changes in the work not involving an increase in the contract price or extension of the contract time. The Contractor shall comply with the requirements of the supplemental documents, and unless the Contractor makes objection within 20 days, their issuance shall not provide for any claim for an increase in the Contract price or an extension of contract time.

H.4.3 RECORD DOCUMENTS

The Contractor shall maintain at the project site:

- a current marked set of Contract drawings and specifications indicating all interpretations and clarifications, contract modifications, change orders, or any other departure from the contract requirements approved by the Contracting Officer; and

- a complete set of record shop drawings, product data, samples and other submittals as approved by the Contracting Officer.

H.4.4 "AS-BUILT" DOCUMENTS

After final completion of the work, but before final acceptance, the Contractor shall provide:

- complete set of "as-built" drawings, based on the record set of drawings, marked to show the details of construction as actually accomplished; and
- record shop drawings and other submittals, in the number and form as required by the specifications.

H.5 GOVERNING LAW

The laws of the United States shall govern the contract and its interpretation.

H.6 LANGUAGE PROFICIENCY

The manager assigned by the contractor to superintend the work on-site, as required by Section I, 52.236-6, "Superintendence by the Contractor", shall be fluent in written and spoken English.

H.7 LAWS AND REGULATIONS

H.7.1 COMPLIANCE REQUIRED

The Contractor shall, without additional expense to the Government, be responsible for complying with all laws, codes, ordinances, and regulations applicable to the performance of the work, including those of the host country, and with the lawful orders of any governmental authority having jurisdiction. Host country authorities may not enter the construction site without the permission of the Contracting Officer. Unless otherwise directed by the Contracting Officer, the Contractor shall comply with the more stringent of the requirements of such laws, regulations and orders and of the contract. In the event of a conflict between the contract and such laws, regulations and orders, the Contractor shall promptly advise the Contracting Officer of the conflict and of the Contractor's proposed course of action for resolution by the Contracting Officer.

H.7.2 LABOR, HEALTH AND SAFETY LAWS AND CUSTOMS

The Contractor shall comply with all local labor laws, regulations, customs and practices pertaining to labor, safety, and similar matters, to the extent that such compliance is not inconsistent with the requirements of this contract.

H.7.3 SUBCONTRACTORS

The Contractor shall give written assurance to the Contracting Officer that all subcontractors and others performing work on or for the project have obtained all requisite licenses and permits.

H.7.4 EVIDENCE OF COMPLIANCE

The Contractor shall submit proper documentation and evidence satisfactory to the Contracting Officer demonstrating compliance with this clause when directed by the Contracting Officer.

H.8 RESPONSIBILITY OF CONTRACTOR

H.8.1 DAMAGE TO PERSONS OR PROPERTY

The Contractor shall be responsible for all damages to persons or property that occur as a result of the Contractor's fault or negligence, and shall take proper safety and health precautions to protect the work, the workers, the public, and the property of others.

H.8.2 RESPONSIBILITY FOR WORK PERFORMED

The Contractor shall be responsible for all materials delivered and work performed until final completion and acceptance of the entire work, except for any completed unit of work which may have been accepted in writing under the contract.

H.9 CONSTRUCTION OPERATIONS

H.9.1 OPERATIONS AND STORAGE AREAS

- (a) **CONFINEMENT TO AUTHORIZED AREAS.** The Contractor shall confine all operations (including storage of materials) on Government premises to areas authorized or approved by the Contracting Officer.
- (b) **VEHICULAR ACCESS.** The Contractor shall, and in accordance with any regulations prescribed by the Contracting Officer, use only established site entrances and roadways.

H.9.2 USE OF PREMISES

- (a) **Occupied Premises.** If the premises are occupied, the Contractor, its subcontractors, and their employees shall comply with the regulations promulgated by the Government governing access to, operation of, and conduct while in or on the premises and shall perform the work required under this contract in such a manner as not to unreasonably interrupt or interfere with the conduct of Government business.
- (b) **Requests from occupants.** The Contractor shall refer any request from occupants of existing buildings to change the sequence of work to the Contracting Officer for determination.

- (c) Access limited. The Contractor, its subcontractors and their employees shall not have access to or be admitted into any building or portion of the site outside the areas designated in this contract except with the permission of the Contracting Officer.

H.10 TEMPORARY FACILITIES AND SERVICES

The Contractor may erect temporary buildings (such as, storage sheds, shops, offices) and utilities only with the approval of the Contracting Officer. The cost of these temporary buildings is included in the contract fixed price. The temporary buildings and utilities shall remain the property of the Contractor and shall be removed by the Contractor at its expense upon completion of the work. With the written consent of the Contracting Officer, the buildings and utilities may be abandoned and need not be removed.

H.11 SAFETY

H.11.1 DOSAR 652.236-70 ACCIDENT PREVENTION (APR 2004)

- (a) *General.* The contractor shall provide and maintain work environments and procedures which will safeguard the public and Government personnel, property, materials, supplies, and equipment exposed to contractor operations and activities; avoid interruptions of Government operations and delays in project completion dates; and, control costs in the performance of this contract. For these purposes, the contractor shall:
 - (1) Provide appropriate safety barricades, signs and signal lights;
 - (2) Comply with the standards issued by any local government authority having jurisdiction over occupational health and safety issues; and,
 - (3) Ensure that any additional measures the contracting officer determines to be reasonably necessary for this purpose are taken.
 - (4) For overseas construction projects, the contracting officer shall specify in writing additional requirements regarding safety if the work involves:
 - (i) Scaffolding;
 - (ii) Work at heights above two (2) meters;
 - (iii) Trenching or other excavation greater than one (1) meter in depth;
 - (iv) Earth moving equipment;
 - (v) Temporary wiring, use of portable electric tools, or other recognized electrical hazards. Temporary wiring and portable electric tools require the use of a ground fault circuit interrupter (GFCI) in the affected circuits; other electrical hazards may also require the use of a GFCI;
 - (vi) Work in confined spaces (limited exits, potential for oxygen less than 19.5 percent or combustible atmosphere, potential for solid or liquid engulfment, or other hazards considered to be immediately dangerous to life or health such as water tanks, transformer vaults, sewers, cisterns, etc.);

- (vii) Hazardous materials – a material with a physical or health hazard including but not limited to, flammable, explosive, corrosive, toxic, reactive or unstable, or any operations which creates any kind of contamination inside an occupied building such as dust from demolition activities, paints, solvents, etc.; or
 - (viii) Hazardous noise levels.
- (b) *Records.* The contractor shall maintain an accurate record of exposure data on all accidents incident to work performed under this contract resulting in death, traumatic injury, occupational disease, or damage to or theft of property, materials, supplies, or equipment. The contractor shall report this data in the manner prescribed by the contracting officer.
- (c) *Subcontracts.* The contractor shall be responsible for its subcontractors' compliance with this clause.
- (d) *Written program.* Before commencing work, the contractor shall:
 - (1) Submit a written plan to the contracting officer for implementing this clause. The plan shall include specific management or technical procedures for effectively controlling hazards associated with the project; and,
 - (2) Meet with the contracting officer to discuss and develop a mutual understanding relative to administration of the overall safety program.
- (e) *Notification.* The contracting officer shall notify the contractor of any non-compliance with these requirements and the corrective actions required. This notice, when delivered to the contractor or the contractor's representative on site, shall be deemed sufficient notice of the non-compliance and corrective action required. After receiving the notice, the contractor shall immediately take corrective action. If the contractor fails or refuses to promptly take corrective action, the contracting officer may issue an order suspending all or part of the work until satisfactory corrective action has been taken. The contractor shall not be entitled to any equitable adjustment of the contract price or extension of the performance schedule on any suspension of work order issued under this clause.

H.12 SUBCONTRACTORS AND SUPPLIERS

H.12.1 CLAIMS AND ENCUMBRANCES

The Contractor shall satisfy as due all lawful claims of any persons or entities employed by the Contractor, including subcontractors, material men and laborers, for all labor performed and materials furnished under this contract, including the applicable warranty or correction period, unless the Government shall be directly liable by contract. The Contractor shall not at any time permit any lien, attachment, or other encumbrance to be entered against or to remain on the building(s), or the premises, whether public or private, or any portion thereof, as a result of nonperformance of any part of this contract.

H.12.2 APPROVAL OF SUBCONTRACTORS

- (a) **REVIEW AND APPROVAL.** The Government reserves the right to review proposed subcontractors for a period of five (5) days before providing notice of approval or rejection of any or all subcontractors.
- (b) **REJECTION OF SUBCONTRACTORS.** The Government reserves the right to reject any or all subcontractors proposed if their participation in the project, as determined by the Contracting Officer, may cause damage to the national security interests of the United States. The Contractor agrees to promptly replace any subcontractor rejected by the Government under this clause.

H.13 CONSTRUCTION PERSONNEL

H.13.1 REMOVAL OF PERSONNEL

The Contractor shall maintain discipline at the site and at all times take all reasonable precautions to prevent any unlawful, riotous, or disorderly conduct by or among those at the site. The contractor shall ensure the preservation of peace and protection of persons and property in the neighborhood of the project. The Contracting Officer may require, in writing, that the Contractor remove from the work any employee that the Contracting Officer deems incompetent, careless, insubordinate or otherwise objectionable, or whose continued employment on the project is deemed by the Contracting Officer to be contrary to the Government's interests.

H.13.2 CONSTRUCTION PERSONNEL SECURITY

After award of the contract, the Contractor shall have ten days to submit to the Contracting Officer a list of workers and supervisors assigned to this project (Biographic Data on Personnel) for the Government to conduct all necessary security checks. It is anticipated that security checks will take up to 60 days to perform. For each individual the list shall include:

- Full Name
- Place and Date of Birth
- Current Address
- Identification number (Jensiya or passport number)
- Vehicle make, model, color and license plate number

Failure to provide any of the above information may be considered grounds for rejection and/or re-submittal of the application. Once the Government has completed the security screening and approved the applicants, the Government will provide a badge to the individual for access to the site. The Government may revoke this badge at any time due to the falsification of data, or misconduct on site.

H.14 MATERIALS AND EQUIPMENT

H.14.1 SELECTION AND APPROVAL OF MATERIALS

- (a) **STANDARD TO QUALITY.** All materials and equipment incorporated into the work shall be new and for the purpose intended, unless otherwise specified. All workmanship shall be of good quality and performed in a skillful manner that will withstand inspection.
- (b) **SELECTION BY CONTRACTOR.** Where the contract permits the Contractor to select products, materials or equipment to be incorporated in the work, or where specific approval is otherwise required by the contract, the Contractor shall furnish a Submittal Register to the Contracting Officer, for approval. The Submittal Register shall include the names of the manufacturer, model number, and source of procurement of each such product, material or equipment, together with other pertinent information concerning the nature, appearance, dimensions, performance, capacity, and rating. To ensure a timely review the Contractor shall provide a submittal register ten days after contract award showing when shop drawings, samples, or submittals shall be made. When directed to do so, the Contractor shall submit samples for approval at the Contractor's expense, with all shipping charges prepaid. Installation or use of any products, materials or equipment without the required approval shall be at the risk of subsequent rejection.

H.14.2 CUSTODY OF MATERIALS

The Contractor shall be responsible for the custody of all materials received for incorporation into the project, including Government furnished materials, upon delivery to the Contractor or to any person for whom it is responsible, including subcontractors. The Contractor shall deliver all such items to the site as soon as practicable. If required by the Contracting Officer, the Contractor shall clearly mark in a manner directed by the Contracting Officer all items of which the Contractor has custody but which have not been delivered or secured at the site, clearly indicating the use of such items for the U.S. Government project.

H.14.3 BASIS OF CONTRACT PRICE

The contract price is based on the use of the materials, products and equipment specified in the contract, except for substitutions or "Or-Equal" items proposed by the Contractor which have been specifically approved by the Government at the time of execution of the contract. Any substitution approved by the Government after execution of the contract shall be subject to an appropriate adjustment of the contract price.

H.14.4 SUBSTITUTIONS

- (a) **PRIOR APPROVAL REQUIRED.** The Contractor must receive approval in writing from the Contracting Officer before substitutions (1) proposed by the Contractor but not yet approved at the time of execution of the contract, or (2) proposed by the Contractor after execution of the contract may be used in the project. Sufficient information to permit evaluation by the Government must accompany any substitution request including but not limited to the reasons for the proposed substitution and data concerning the design, appearance, performance, composition, and relative cost of the proposed substitute. The Contractor shall make requests for substitutions in a timely manner to permit adequate

evaluation by the Government. If, in the Contracting Officer's opinion, the use of such substitute items is not in the best interests of the Government, the Contractor must obtain the items originally specified with no adjustment in the contract price or completion date.

- (b) **APPROVAL THROUGH SHOP DRAWINGS.** The Contractor may propose substitutions of materials in the submittal of shop drawings, provided such substitution is specifically requested in writing in the transmittal of the shop drawings to the Contracting Officer. Such substitution requests must be made in a timely manner and supported by the required information.
- (c) **FINAL APPROVAL ON DELIVERY.** Acceptance or approval of proposed substitutions under the contract are conditioned upon approval of items delivered at the site or approval by sample. Approval by sample shall not limit the Government's right to reject material after delivery to the site if the material does not conform to the approved sample in all material respects.

H.14.5 "OR-EQUAL CLAUSE"

References in the Specifications/Statement of Work to materials, products or equipment by trade name, make, or catalog number, or to specific processes, shall be regarded as establishing a standard of quality and shall not be construed as limiting competition. The Contractor may propose for approval or rejection by the Contracting Officer the substitution of any material, product, equipment or process that the Contractor believes to be equal to or better than that named in the Specifications/Statement of Work, unless otherwise specifically provided in this contract.

H.14.6 USE AND TESTING OF SAMPLES

("Samples" include materials and equipment.)

- (a) **USE.** The Contractor shall send approved samples not destroyed in testing to the Contracting Officer. Those which are in good condition will be marked for identification and may be used in the work. Materials and equipment incorporated in the work shall match the approved samples within any specified tolerances. Other samples not destroyed in testing or not approved will be returned to the Contractor at its expense if so requested.
- (b) **FAILURE OF SAMPLES.** If a sample fails to pass the specified tests described in this contract, any further samples of the same brand or make of that material or equipment may not be considered for use in performance under this contract.
- (c) **TAKING AND TESTING OF SAMPLES.** Samples delivered on the site or in place may be taken by the Contracting Officer for additional testing by the Government outside of those required by the Contract documents. Samples failing to meet contract requirements will automatically void previous approvals of the items tested. The Contractor shall replace such materials or equipment found not to have met contract requirements, unless the Contracting Officer determines it to be in the Government's interest to accept the non-

conforming materials or equipment with an appropriate adjustment of the Contract price as determined by the Contracting Officer.

- (d) **COST OF ADDITIONAL TESTING BY THE GOVERNMENT.** When additional tests of samples are performed, only one test of each sample proposed for use will be made at the expense of the Government. Samples which do not meet contract requirements will be rejected. Further testing of additional samples, if required, will be made at the expense of the Contractor.

H.15 IMPORTED MATERIALS, EQUIPMENT, AND PERSONNEL

H.15.1 SHIPMENT AND CUSTOMS CLEARANCE

- (a) **Costs to be borne by Contractor.** The Contractor is responsible for paying all charges incurred in obtaining materials that must be imported for the project and in transporting the materials from their place or origin to the construction site. Moving costs shall include, but not necessarily be limited to, packing, handling, cartage, overland freight, ocean freight, transshipment, port, unloading, customs clearance and duties (other than customs duties specified below), unpacking, storage, and all other charges including administrative costs in connection with obtaining and transporting the materials from their source to the project site.
- (b) **Duty-free clearance.** The Contractor shall not be responsible for customs duties for which the Government has been able to obtain a customs waiver. The Contractor shall follow the instructions of the Contracting Officer as to the manner of labeling the shipping containers or otherwise processing shipments of imported materials in order to obtain, or continue to receive, duty free clearance through customs. The Contractor shall be responsible for the payment of customs duties, if any, which
 - (1) are imposed on items which are not labeled and processed in accordance with the Contracting Officer's instructions,
 - (2) are imposed on the Contractor's tools, construction equipment and machinery imported for use on the project, or
 - (3) are otherwise ineligible for duty-free entry. The Contractor is responsible for customs duties where the Contractor has failed to give adequate and timely notice to the Contracting Officer of importation on containers or materials which may be eligible for a customs waiver. The Contracting Officer will provide instructions concerning time periods for notification of importation by the Contractor.
- (c) **Customs Clearance.** The Government will be responsible for obtaining customs clearances, and for obtaining exemption certificates or paying customs duties not waived, for imported products, materials and equipment which are labeled and processed in accordance with the Contracting Officer's instructions. The Government shall not be responsible for obtaining

customs clearance for the Contractor's tools, construction equipment or machinery, nor for obtaining visas, entry or work permits for the Contractor's personnel.

H.15.2 SURPLUS MATERIALS

Unless otherwise specified, any surplus materials, fixtures, articles or equipment remaining at the completion of the project shall become the property of the Contractor, except those items furnished by the Government, whose cost is not included in the contract price.

H.16 SPECIAL WARRANTIES

H.16.1 SPECIAL WARRANTY OBLIGATIONS

Any special warranties that may be required under the contract shall be subject to the stipulations set forth in 52.246-21, "Warranty of Construction", as long as they do not conflict with the special warranty.

H.16.2 WARRANTY INFORMATION

The Contractor shall obtain and furnish to the Government all information required in order to make any subcontractor's, manufacturers, or supplier's guarantee or warranty legally binding and effective. The Contractor shall submit both the information and the guarantee or warranty to the Government in sufficient time to permit the Government to meet any time limit specified in the guarantee or warranty, but not later than completion and acceptance of all work under this contract.

H.17 EQUITABLE ADJUSTMENTS

H.17.1 BASIS FOR EQUITABLE ADJUSTMENTS

Any circumstance for which the contract provides an equitable adjustment that causes a change within the meaning of paragraph (a) of the "Changes" clause shall be treated as a change under that clause. The Contractor shall give the Contracting Officer written notice (within 20 days) stating:

- (a) the date, circumstances, and applicable contract clause authorizing an equitable adjustment and
- (b) that the Contractor regards the event as a changed condition for which an equitable adjustment is allowed under the contract.

H.17.2 DIFFERING SITE CONDITION NOTICE

The Contractor shall provide written notice of a differing site condition within 10 days of occurrence following FAR 52.236-2, Differing Site Conditions.

H.17.3 DOCUMENTATION OF PROPOSALS FOR EQUITABLE ADJUSTMENTS

- (a) **ITEMIZATION OF PROPOSALS AND REQUESTS.** The Contractor shall submit any request for equitable adjustment in the contract price, including any change proposal submitted in accordance with the "Changes" clause, in the form of a lump sum proposal supported with an itemized breakdown of all increases and decreases in the contract price in the detail required by the Contracting Officer. The request shall include all costs and delays related to or arising out of the change or event giving rise to the proposed adjustment, including any delay damages and additional overhead costs.
- (b) **PROPOSED TIME ADJUSTMENTS.** The Contractor shall submit a proposed time extension (if applicable) with any request for an equitable adjustment or change proposal. The request shall include sufficient information to demonstrate whether and to what extent the change will delay the completion of the contract.
- (c) **RELEASE BY CONTRACTOR.** The price and time adjustment made in any contract modification issued as a result of a change proposal or request for an equitable adjustment shall be considered to account for all items affected by the change or other circumstances giving rise to an equitable adjustment. Upon issuance of such contract modification, the Government shall be released from any and all liability under this contract for further equitable adjustments attributable to the facts and circumstances giving rise to the change proposal or request for equitable adjustment.

H.18 NONCOMPLIANCE WITH CONTRACT REQUIREMENTS

If the Contractor, after receiving written notice from the Contracting Officer of noncompliance with any requirement of this contract, fails to initiate promptly appropriate action(s) to bring performance/work into compliance with a contract requirement within a reasonable period of time, the Contracting Officer shall have the right to order the Contractor to suspend any or all work under the contract. This order shall be in force until the Contractor has complied or has initiated such action as may be appropriate to comply within a reasonable period of time. The Contractor will not be entitled to any extension of contract time or payment for any costs incurred as a result of being ordered to suspend work for such a cause.

H.19 ZONING APPROVALS AND BUILDING PERMITS

The Government is responsible for:

- obtaining proper zoning or other land use control approval for the project,
- obtaining the approval of the Contract Drawings and Specifications,
- paying fees due, and
- obtaining and paying for the initial building permits.

SECTION I - CONTRACT CLAUSES

I.1 FAR 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at:

<http://acquisition.gov/far/index.html> or, <http://farsite.hill.af.mil/search.htm>

These addresses are subject to change. If the Federal Acquisition Regulation (FAR) is not available at the locations indicated above, use the Dept. of State Acquisition Website at <http://www.statebuy.state.gov/> to see the links to the FAR. You may also use an Internet “search engine” (such as, Yahoo, Excite, Alta Vista, etc.) to obtain the latest location of the most current FAR.

FEDERAL ACQUISITION REGULATION (48 CFR Ch. 1)

52.202-1	DEFINITIONS	JUL 2004
52.203-3	GRATUITIES	APR 1984
52.203-5	COVENANT AGAINST CONTINGENT FEES	APR 1984
52.203-6	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT	SEP 2006
52.203-7	ANTI-KICKBACK PROCEDURES	OCT 2010
52.203-8	CANCELLATION, RECISSION AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY	JAN 1997
52.203-10	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY	JAN 1997
52.203-12	LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS	OCT 2010
52.204-4	PRINTING/COPYING DOUBLE-SIDED ON RECYCLED PAPER	AUG 2000
52.204-9	PERSONAL VERIFICATION OF CONTRACTOR PERSONNEL	JAN 2011
52.204-10	REPORTING EXECUTIVE COMPENSATION AND FIRST-TIER SUBCONTRACT AWARDS	JUL 2010
52.209-6	PROTECTING THE GOVERNMENT’S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT	DEC 2010
52.215-2	AUDIT AND RECORDS – NEGOTIATION	OCT 2010
52.215-8	ORDER OF PRECEDENCE – UNIFORM CONTRACT FORMAT	OCT 1997
52.215-21	REQUIREMENTS FOR COST OR PRICING DATA OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA – MODIFICATIONS	OCT 1997

52.216-7	ALLOWABLE COST AND PAYMENT ALTERNATE I	JUN 2011 JUN 2011
52.222-1	NOTICE TO THE GOVERNMENT OF LABOR DISPUTES	FEB 1997
52.222-19	CHILD LABOR – COOPERATION WITH AUTHORITIES AND REMEDIES	AUG 2010
52.222-50	COMBATING TRAFFICKING IN PERSONS	FEB 2009
52.223-18	CONTRACTOR POLICY TO BAN TEXT MESSAGING WHILE DRIVING	AUG 2011
52.225-13	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES	JUN 2008
52.225-14	INCONSISTENCY BETWEEN ENGLISH VERSION AND TRANSLATION OF CONTRACT	FEB 2000
52.228-2	ADDITIONAL BOND SECURITY	OCT 1997
52.228-3	WORKERS COMPENSATION ACT (DEFENSE BASE ACT)	APR 1984
52.228-4	WORKERS' COMPENSATION AND WAR-HAZARD INSURANCE OVERSEAS	APR 1984
52.228-5	INSURANCE – WORK ON A GOVERNMENT INSTALLATION	JAN 1997
52.228-11	PLEDGES OF ASSETS	SEP 2009
52.228-13	ALTERNATIVE PAYMENT PROTECTION	JUL 2000
52.228-14	IRREVOCABLE LETTER OF CREDIT	DEC 1999
52.229-6	TAXES – FOREIGN FIXED-PRICE CONTRACTS	JUN 2003
52.232-5	PAYMENTS UNDER FIXED-PRICE CONSTRUCTION CONTRACTS	SEP 2002
52.232-17	INTEREST	OCT 2010
52.232-18	AVAILABILITY OF FUNDS	APR 1984
52.232-24	PROHIBITION OF ASSIGNMENT OF CLAIMS	JAN 1986
52.232-27	PROMPT PAYMENT FOR CONSTRUCTION CONTRACTS	OCT 2008
52.232-34	PAYMENT BY ELECTRONIC FUNDS TRANSFER – OTHER THAN CENTRAL CONTRACTOR REGISTRATION	MAY 1999
52.233-1	DISPUTES ALTERNATE I	JUL 2002 DEC 1991
52.233-3	PROTEST AFTER AWARD	AUG 1996
52.233-4	APPLICABLE LAW FOR BREACH OF CONTRACT CLAIM	OCT 2004
52.236-2	DIFFERING SITE CONDITIONS	APR 1984
52.236-3	SITE INVESTIGATION AND CONDITIONS AFFECTING THE WORK	APR 1984
52.236-5	MATERIAL AND WORKMANSHIP	APR 1984
52.236-6	SUPERINTENDENCE BY THE CONTRACTOR	APR 1984
52.236-7	PERMITS AND RESPONSIBILITIES	NOV 1991

52.236-8	OTHER CONTRACTS	APR 1984
52.236-9	PROTECTION OF EXISTING VEGETATION, STRUCTURES, EQUIPMENT, UTILITIES, AND IMPROVEMENTS	APR 1984
52.236-10	OPERATIONS AND STORAGE AREAS	APR 1984
52.236-11	USE AND POSSESSION PRIOR TO COMPLETION	APR 1984
52.236-12	CLEANING UP	APR 1984
52.236-14	AVAILABILITY AND USE OF UTILITY SERVICES	APR 1984
52.236-15	SCHEDULES FOR CONSTRUCTION CONTRACTS	APR 1984
52.236-21	SPECIFICATIONS AND DRAWINGS FOR CONSTRUCTION	FEB 1997
52.236-26	PRECONSTRUCTION CONFERENCE	FEB 1995
52.242-3	PENALTIES FOR UNALLOWABLE COSTS	MAY 2001
52.242-13	BANKRUPTCY	JUL 1995
52.243-4	CHANGES	JUNE 2007
52.243-5	CHANGES AND CHANGED CONDITIONS	APR 1984
52.245-9	USE & CHARGES	AUG 2010
52.246-21	WARRANTY OF CONSTRUCTION	MAR 1994
52.248-3	VALUE ENGINEERING – CONSTRUCTION	OCT 2010
52.249-2	TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE) ALTERNATE I	MAY 2004 SEPT 1996
52.249-14	EXCUSABLE DELAY	APRIL 1984
52.249-10	DEFAULT (FIXED-PRICE CONSTRUCTION)	APR 1984
52.225-19	CONTRACTOR PERSONNEL IN A DESIGNED OPERATIONAL AREA OR SUPPORTING A DIPLOMATIC MISSION OUTSIDE THE UNITED STATES	MAR 2008

THE FOLLOWING CLAUSES ARE SET FORTH IN FULL TEXT:

I.1 652.204-70 DEPARTMENT OF STATE PERSONAL IDENTIFICATION CARD ISSUANCE PROCEDURES (MAY 2011)

- (a) The Contractor shall comply with the Department of State (DOS) Personal Identification Card Issuance Procedures for all employees performing under this contract who require frequent and continuing access to DOS facilities, or information systems. The Contractor shall insert this clause in all subcontracts when the subcontractor's employees will require frequent and continuing access to DOS facilities, or information systems.
- (b) The DOS Personal Identification Card Issuance Procedures may be accessed at <http://www.state.gov/m/ds/rls/rpt/c21664.htm> .
(End of clause)

I.2 652.243-70 NOTICES (AUG 1999)

Any notice or request relating to this contract given by either party to the other shall be in writing. Said notice or request shall be mailed or delivered by hand to the other party at the address provided in the schedule of the contract. The contracting officer must make all modifications to the contract in writing.

I.3 WORKER'S COMPENSATION INSURANCE (DEFENSE BASE ACT) - SERVICES (JUN 2006)

- (a) This clause supplements FAR 52.228-3. For the purposes of this clause, "covered contractor employees" includes the following individuals:
 - (1) United States citizens or residents;
 - (2) Individuals hired in the United States or its possessions, regardless of citizenship; and
 - (3) Local nationals and third country nationals where contract performance takes place in a country where there are no local workers compensation laws.
- (b) The Contractor shall procure Defense Base Act (DBA) insurance pursuant to the terms of the contract between the Department of State and the Department's DBA insurance carrier for covered contractor employees, unless the Contractor has a DBA self-insurance program approved by the Department of Labor. The Contractor shall submit a copy of the Department of Labor's approval to the contracting officer upon contract award, if applicable.
- (c) The current rate under the Department of State contract is \$5.50 of compensation for construction.
- (d) The Contractor shall insert a clause substantially the same as this in all subcontracts. The Contractor shall require that subcontractors insert a similar clause in any of their subcontracts.
- (e) Should the rates for DBA insurance coverage increase or decrease during the performance of this contract, the contracting officer shall modify this contract accordingly.
- (f) The Contractor shall demonstrate to the satisfaction of the contracting officer that the equitable adjustment as a result of the insurance increase or decrease does not include any reserve for such insurance. Adjustment shall not include any overhead, profit, general and administrative expenses, etc.
- (g) (1) Section 16 of the State Basic Authorities Act (22 U.S.C. 2680a), as amended, provides that the Defense Base Act shall not apply with respect to such contracts as the Secretary of State determines are contracts with persons employed to perform work for the Department of State on an intermittent basis for not more than 90 days in a calendar year. "Persons" includes individuals hired by companies under contract with the Department. The Procurement Executive has the authority to issue the waivers for Contractor employees who work on an intermittent or short-term basis.
 - (2) The Contractor shall submit waiver requests to the contracting officer. The request shall contain the following information:
 - (i) Contract number;
 - (ii) Name of Contractor;
 - (iii) Brief description of the services to be provided under the contract and country of performance;
 - (iv) Name and position title of individual(s);
 - (v) Nationality of individual(s) (must be U.S. citizen or U.S. resident);
 - (vi) Dates (or timeframe) of performance at the overseas location; and,
 - (vii) Evidence of alternative worker's compensation coverage for these employees (e.g., evidence that the State worker's compensation program covers workers on short-term foreign assignments).
 - (3) The contracting officer shall provide to the Contractor the original of the approved or disapproved document and maintain a copy in the contract file.

(End of clause)

652.228-74 DEFENSE BASE ACT INSURANCE RATES - LIMITATION (JUN 2006)

- (a) The Department of State has entered into a contract with an insurance carrier to provide Defense Base Act (DBA) insurance to Department of State covered contractor employees at a contracted rate. For the purposes of this provision, "covered contractor employees" includes the following individuals:
 - (1) United States citizens or residents;
 - (2) Individuals hired in the United States or its possessions, regardless of citizenship; and
 - (3) Local nationals and third country nationals where contract performance takes place in a country where there are no local worker's compensation laws.
- (b) In preparing the cost proposal, the bidder/offeror shall use the following rates in computing the cost for DBA insurance:
 - Services @ \$4.00 of compensation; or
 - Construction @ \$5.50 of compensation.
- (c) Bidders/Offerors shall compute the total compensation (direct salary plus differential, but excluding per diem, housing allowance and other miscellaneous allowances) to be paid to covered contractor employees and the cost of DBA insurance in their bid/proposal using the foregoing rate. Bidders/offerors shall include the estimated DBA insurance costs in their proposed fixed price or estimated cost. However, the DBA insurance costs shall be identified in a separate line item in the bid/proposal.

(End of provision)

I.4 652.242-73 AUTHORIZATION AND PERFORMANCE (AUG 1999)

- (a) The contractor warrants the following:
 - (1) That is has obtained authorization to operate and do business in the country or countries in which this contract will be performed;
 - (2) That is has obtained all necessary licenses and permits required to perform this contract; and,
 - (3) That it shall comply fully with all laws, decrees, labor standards, and regulations of said country or countries during the performance of this contract.
- (b) If the party actually performing the work will be a subcontractor or joint venture partner, then such subcontractor or joint venture partner agrees to the requirements of paragraph (a) of this clause.

I.5 RESERVED

I.6 652.229-70 EXCISE TAX EXEMPTION STATEMENT FOR CONTRACTORS WITHIN THE UNITED STATES (JULY 1988)

This is to certify that the item(s) covered by this contract is/are for export solely for the use of the U.S. Foreign Service Post identified in the contract schedule.

The Contractor shall use a photocopy of this contract as evidence of intent to export. Final proof of exportation may be obtained from the agent handling the shipment. Such proof shall be accepted in lieu of payment of excise tax.

I.7. 52.228-15 Performance and Payment Bonds—Construction (OCT 2010)

(a) *Definitions.* As used in this clause—

“Original contract price” means the award price of the contract; or, for requirements contracts, the price payable for the estimated total quantity; or, for indefinite-quantity contracts, the price payable for the specified minimum quantity. Original contract price does not include the price of any options, except those options exercised at the time of contract award.

(b) *Amount of required bonds.* Unless the resulting contract price is \$150,000 or less, the successful offeror shall furnish performance and payment bonds to the Contracting Officer as follows:

- (1) *Performance bonds (Standard Form 25).* The penal amount of performance bonds at the time of contract award shall be 100 percent of the original contract price.
- (2) *Payment Bonds (Standard Form 25-A).* The penal amount of payment bonds at the time of contract award shall be 100 percent of the original contract price.
- (3) Additional bond protection.

(i) The Government may require additional performance and payment bond protection if the contract price is increased. The increase in protection generally will equal 100 percent of the increase in contract price.

(ii) The Government may secure the additional protection by directing the Contractor to increase the penal amount of the existing bond or to obtain an additional bond.

(d) *Furnishing executed bonds.* The Contractor shall furnish all executed bonds, including any necessary reinsurance agreements, to the Contracting Officer, within the time period specified

(e) in the Bid Guarantee provision of the solicitation, or otherwise specified by the Contracting Officer, but in any event, before starting work.

(d) *Surety or other security for bonds.* The bonds shall be in the form of firm commitment, supported by corporate sureties whose names appear on the list contained in Treasury Department Circular 570, individual sureties, or by other acceptable security such as postal money order, certified check, cashier's check, irrevocable letter of credit, or bonds or notes of the United States. Treasury Circular 570 is published in the Federal Register or Department

of Treasury, Financial Management Service, Surety Bond Branch, 3700 East West Highway, Room 6F01, Hyattsville, MD 20782. Or via the internet at

<http://www.fms.treas.gov/c570/>.

- (e) *Notice of subcontractor waiver of protection (40 U.S.C. 3133(c)).* Any waiver of the right to sue on the payment bond is void unless it is in writing, signed by the person whose right is waived, and executed after such person has first furnished labor or material for use in the performance of the contract.”

I.8 652.225-71 SECTION 8(A) OF THE EXPORT ADMINISTRATION ACTS OF 1979, AS AMENDED (AUG 1999)

- (a) Section 8(a) of the U.S. Export Administration Act of 1979, as amended (50 U.S.C. 2407(a)), prohibits compliance by U.S. persons with any boycott fostered by a foreign country against a country which is friendly to the United States and which is not itself the object of any form of boycott pursuant to United States law or regulation. The Boycott of Israel by Arab League countries is such a boycott, and therefore, the following actions, if taken with intent to comply with, further, or support the Arab League Boycott of Israel, are prohibited activities under the Export Administration Act:
- (1) Refusing, or requiring any U.S. person to refuse to do business with or in Israel, with any Israeli business concern, or with any national or resident of Israel, or with any other person, pursuant to an agreement of, or a request from or on behalf of a boycotting country;
 - (2) Refusing, or requiring any U.S. person to refuse to employ or otherwise discriminating against any person on the basis of race, religion, sex, or national origin of that person or of any owner, officer, director, or employee of such person;
 - (3) Furnishing information with respect to the race, religion, or national origin of any U.S. person or of any owner, officer, director, or employee of such U.S. person;
 - (4) Furnishing information about whether any person has, has had, or proposes to have any business relationship (including a relationship by way of sale, purchase, legal or commercial representation, shipping or other transport, insurance, investment, or supply) with or in the State of Israel, with any business concern organized under the laws of the State of Israel, with any Israeli national or resident, or with any person which is known or believed to be restricted from having any business relationship with or in Israel;
 - (5) Furnishing information about whether any person is a member of, has made contributions to, or is otherwise associated with or involved in the activities of any charitable or fraternal organization which supports the State of Israel; and,

-
- (6) Paying, honoring, confirming, or otherwise implementing a letter of credit which contains any condition or requirement against doing business with the State of Israel.
- (b) Under Section 8(a), the following types of activities are not forbidden ``compliance with the boycott," and are therefore exempted from Section 8(a)'s prohibitions listed in paragraphs (a)(1)-(6) above:
- (1) Complying or agreeing to comply with requirements:
 - (i) Prohibiting the import of goods or services from Israel or goods produced or services provided by any business concern organized under the laws of Israel or by nationals or residents of Israel; or,
 - (ii) Prohibiting the shipment of goods to Israel on a carrier of Israel, or by a route other than that prescribed by the boycotting country or the recipient of the shipment;
 - (2) Complying or agreeing to comply with import and shipping document requirements with respect to the country of origin, the name of the carrier and route of shipment, the name of the supplier of the shipment or the name of the provider of other services, except that no information knowingly furnished or conveyed in response to such requirements may be stated in negative, blacklisting, or similar exclusionary terms, other than with respect to carriers or route of shipments as may be permitted by such regulations in order to comply with precautionary requirements protecting against war risks and confiscation;
 - (3) Complying or agreeing to comply in the normal course of business with the unilateral and specific selection by a boycotting country, or national or resident thereof, of carriers, insurance, suppliers of services to be performed within the boycotting country or specific goods which, in the normal course of business, are identifiable by source when imported into the boycotting country;
 - (4) Complying or agreeing to comply with the export requirements of the boycotting country relating to shipments or transshipments of exports to Israel, to any business concern of or organized under the laws of Israel, or to any national or resident of Israel;
 - (5) Compliance by an individual or agreement by an individual to comply with the immigration or passport requirements of any country with respect to such individual or any member of such individual's family or with requests for information regarding requirements of employment of such individual within the boycotting country; and,
 - (6) Compliance by a U.S. person resident in a foreign country or agreement by such person to comply with the laws of that country with respect to his or her

activities exclusively therein, and such regulations may contain exceptions for such resident complying with the laws or regulations of that foreign country governing imports into such country of trademarked, trade named, or similarly specifically identifiable products, or components of products for his or her own use, including the performance of contractual services within that country, as may be defined by such regulations.

I.9 652.229-71 PERSONAL PROPERTY DISPOSITION AT POSTS ABROAD (AUG 1999)

Regulations at 22 CFR Part 136 require that U.S. Government employees and their families do not profit personally from sales or other transactions with persons who are not themselves entitled to exemption from import restrictions, duties, or taxes. Should the contractor experience importation or tax privileges in a foreign country because of its contractual relationship to the United States Government, the contractor shall observe the requirements of 22 CFR Part 136 and all policies, rules, and procedures issued by the chief of mission in that foreign country.

I.10 CONTRACTOR IDENTIFICATION (JULY 2008)

Contract performance may require contractor personnel to attend meetings with government personnel and the public, work within government offices, and/or utilize government email.

Contractor personnel must take the following actions to identify themselves as non-federal employees:

- 1) Use an email signature block that shows name, the office being supported and company affiliation (e.g. "John Smith, Office of Human Resources, ACME Corporation Support Contractor");
- 2) Clearly identify themselves and their contractor affiliation in meetings;
- 3) Identify their contractor affiliation in Departmental e-mail and phone listings whenever contractor personnel are included in those listings; and
- 4) Contractor personnel may not utilize Department of State logos or indicia on business cards.

652.228-71 Worker's Compensation Insurance (Defense Base Act) – Services (JUN 2006).

- (a) This clause supplements FAR 52.228-3. For the purposes of this clause, "covered contractor employees" includes the following individuals:
 - (1) United States citizens or residents;
 - (2) Individuals hired in the United States or its possessions, regardless of citizenship; and
 - (3) Local nationals and third country nationals where contract performance takes place in a country where there are no local workers compensation laws.
- (b) The Contractor shall procure Defense Base Act (DBA) insurance pursuant to the terms of the contract between the Department of State and the Department's DBA insurance carrier for covered contractor employees, unless the Contractor has a DBA self-insurance program approved by

the Department of Labor. The Contractor shall submit a copy of the Department of Labor's approval to the contracting officer upon contract award, if applicable.

- (c) The current rate under the Department of State contract is \$5.50 of compensation for construction.
- (d) The Contractor shall insert a clause substantially the same as this in all subcontracts. The Contractor shall require that subcontractors insert a similar clause in any of their subcontracts.
- (e) Should the rates for DBA insurance coverage increase or decrease during the performance of this contract, the contracting officer shall modify this contract accordingly.
- (f) The Contractor shall demonstrate to the satisfaction of the contracting officer that the equitable adjustment as a result of the insurance increase or decrease does not include any reserve for such insurance. Adjustment shall not include any overhead, profit, general and administrative expenses, etc.
- (g) (1) Section 16 of the State Basic Authorities Act (22 U.S.C. 2680a), as amended, provides that the Defense Base Act shall not apply with respect to such contracts as the Secretary of State determines are contracts with persons employed to perform work for the Department of State on an intermittent basis for not more than 90 days in a calendar year. "Persons" includes individuals hired by companies under contract with the Department. The Procurement Executive has the authority to issue the waivers for Contractor employees who work on an intermittent or short-term basis.
(2) The Contractor shall submit waiver requests to the contracting officer. The request shall contain the following information:
 - (i) Contract number;
 - (ii) Name of Contractor;
 - (iii) Brief description of the services to be provided under the contract and country of performance;
 - (iv) Name and position title of individual(s);
 - (v) Nationality of individual(s) (must be U.S. citizen or U.S. resident);
 - (vi) Dates (or timeframe) of performance at the overseas location; and,
 - (vii) Evidence of alternative worker's compensation coverage for these employees (e.g., evidence that the State worker's compensation program covers workers on short-term foreign assignments).
(3) The contracting officer shall provide to the Contractor the original of the approved or disapproved document and maintain a copy in the contract file.
(End of clause)

PART III - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS

F. SECTION J - LIST OF ATTACHMENTS

ATTACHMENT NO.	DESCRIPTION OF ATTACHMENT	NO. PAGES
Attachment 1	Standard Form 25, <i>Performance and Guaranty Bond</i>	1
Attachment 2	Sample Bank Letter of Guaranty	1
Attachment 3	Breakdown of Proposal Price by Divisions of Specifications	1
Attachment 4	Statement of Work (tasks 1 through 7)	100
Attachment 5	Defense Base Act Insurance Rates & Contact Information	2
Attachment 6	Drawings	

ATTACHMENT #1

SF 25 – PERFORMANCE BOND

PERFORMANCE BOND <i>(See instructions on reverse)</i>	DATE BOND EXECUTED <i>(Must be same or later than date of contract)</i>	OMB No.: 9000-0045 Expires: 11/30/2012												
Public reporting burden for this collection of information is estimated to average 25 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the FAR Secretariat (MVR), Federal Acquisition Policy Division, GSA, Washington, DC 20405														
PRINCIPAL <i>(Legal name and business address)</i>	TYPE OF ORGANIZATION ("X" one) <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> JOINT VENTURE <input type="checkbox"/> CORPORATION STATE OF INCORPORATION													
SURETY(IES) <i>(Name(s) and business address(es))</i>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="4" style="text-align: center; font-size: small;">PENAL SUM OF BOND</th> </tr> <tr> <td style="width: 25%; font-size: small;">MILLION(S)</td> <td style="width: 25%; font-size: small;">THOUSANDS</td> <td style="width: 25%; font-size: small;">HUNDRED(S)</td> <td style="width: 25%; font-size: small;">CENTS</td> </tr> <tr> <td colspan="2" style="font-size: small;">CONTRACT DATE</td> <td colspan="2" style="font-size: small;">CONTRACT NO.</td> </tr> </table>		PENAL SUM OF BOND				MILLION(S)	THOUSANDS	HUNDRED(S)	CENTS	CONTRACT DATE		CONTRACT NO.	
PENAL SUM OF BOND														
MILLION(S)	THOUSANDS	HUNDRED(S)	CENTS											
CONTRACT DATE		CONTRACT NO.												
OBLIGATION We, the Principal and Surety (ies), are firmly bound to the United States of America (hereinafter called the Government) in the above penal sum. For payment of the penal sum, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally. However, where the Sureties are corporations acting as co-sureties, bind ourselves in such sum "jointly and severally" as well as "severally" only for the purpose of allowing a joint action against any or all of us. for all other purposes, each Surety binds itself, jointly and severally with the Principal, for the payment of the sum shown opposite the name of the Surety. If no limit of liability is indicated, the limit of liability is the full amount of the penal sum.														
CONDITIONS The Principal has entered into the contract identified above. THEREFORE The above obligation is void if the Principal- <p style="margin-left: 40px;">(a)(1) Performs and fulfills all the undertaking, covenants, terms, conditions, and agreements of the contract during the original term of the contract and any extensions thereof that are granted by the Government, with or without notice of the Surety(ies) and during the life of any guaranty required under the contract, and (2) performs and fulfills all the undertakings, covenants, terms conditions, and agreements of any and all duly authorized modifications of the contract that hereafter are made. Notice of those modifications to the Surety(ies) are waived.</p> <p style="margin-left: 40px;">(b) Pays to the Government the full amount of the taxes imposed by the Government, if the said contracts is subject to the Miller Act, (40 U.S.C. 270a-270e), which are collected, deducted, or withheld from wages paid by the Principal in carrying out the construction contract with respect to which this bond is furnished.</p>														
WITNESS The Principal and Surety(ies) executed this performance bond and affixed their seals on the above date.														
PRINCIPAL														
SIGNATURE(S)	1. _____ <div style="text-align: right; font-size: x-small;">(Seal)</div>	2. _____ <div style="text-align: right; font-size: x-small;">(Seal)</div>												
NAME(S) & TITLE(S) <i>(Typed)</i>	1. _____	2. _____												
		3. _____ <div style="text-align: right; font-size: x-small;">(Seal)</div>												
		Corporate Seal												
INDIVIDUAL SURETY(IES)														
SIGNATURE(S)	1. _____ <div style="text-align: right; font-size: x-small;">(Seal)</div>	2. _____ <div style="text-align: right; font-size: x-small;">(Seal)</div>												
NAME(S) <i>(Typed)</i>	1. _____	2. _____												
CORPORATE SURETY(IES)														
SURETY A	NAME & ADDRESS	STATE OF INC.	LIABILITY LIMIT (\$)											
	SIGNATURE(S)	1. _____	2. _____											
	NAME(S) & TITLE(S) <i>(Typed)</i>	1. _____	2. _____											
			Corporate Seal											

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 Previous edition not usable

 STANDARD FORM 25 (REV. 5-96)
 Prescribed by GSA-FAR (48 CFR) 53.228 (b)

ATTACHEMENT # 2

SAMPLE LETTER OF BANK GUARANTY

Place []

Date []

Contracting Officer
U.S. Embassy, Baghdad, Iraq

Letter of Guaranty No. _____

SUBJECT: Performance and Guaranty

The Undersigned, acting as the duly authorized representative of the bank, declares that the bank hereby guarantees to make payment to the Contracting Officer by check made payable to the Treasurer of the United States, immediately upon notice, after receipt of a simple written request from the Contracting Officer, immediately and entirely without any need for the Contracting Officer to protest or take any legal action or obtain the prior consent of the Contractor to show any other proof, action, or decision by another authority, up to the sum of ***[Amount equal to 40% of the contract price in U.S. dollars during the period ending with the date of final acceptance and 10% of the contract price during contract guaranty period]***, which represents the deposit required of the contractor to guarantee fulfillment of his obligations for the satisfactory, complete, and timely performance of the said contract ***[contract number]*** for ***[description of work]*** at ***[location of work]*** in strict compliance with the terms, conditions and specifications of said contract, entered into between the Government and ***[name of contractor]*** of ***[address of contractor]*** on ***[contract date]***, plus legal charges of 10% per annum on the amount called due, calculated on the sixth day following receipt of the Contracting Officer's written request until the date of payment.

The undersigned agrees and consents that said contract may be modified by Change Order or Supplemental Agreement affecting the validity of the guaranty provided, however, that the amount of this guaranty shall remain unchanged.

The undersigned agrees and consents that the Contracting Officer may make repeated partial demands on the guaranty up to the total amount of this guaranty, and the bank will promptly honor each individual demand.

This letter of guaranty shall remain in effect until 3 months after completion of the guaranty period of Contract requirement.

Depository Institution: ***[Name]***

Address:

Representative(s): _____

Location: _____

State of Inc.: _____

Corporate Seal:

Certificate of Authority is attached evidencing authority of the signer to bind the bank to this document.

ATTACHMENT #3
UNITED STATES DEPARTMENT OF STATE
BREAKDOWN OF PRICE BY DIVISIONS OF SPECIFICATIONS

(1) DIVISION/DESCRIPTION	(2) LABOR	(3) MATERIALS	(4) OVERHEAD	(5) PROFIT	(6) TOTAL
1. General Requirements/Mobilization					
2. Site Work					
3. Concrete					
4. Masonry					
5. Metals					
6. Wood and Plastic					
7. Thermal and Moisture					
8. Doors and Windows					
9. Finishes					
10. Specialties					
11. Equipment					
12. Furnishings					
13. Special Construction					
14. Conveying Systems					
15. Mechanical					
16. Electrical					
TOTAL					

USD

Allowance Items:

PROPOSAL PRICE TOTAL: USD

 Alternates (list separately do not total)

Offeror:

Date

ATTACHMENT #4

TASK ORDER # 1

**STATEMENT of WORK
For-S-010
(INL-ROL ANNEX)**

**General Construction SERVICES
For
RENOVATION (MAKE READY) OF COMPOUND
HOUSING TO MEET INTERNATIONAL BUILDING
AND SAFETY CODES.**

**U.S. EMBASSY
Erbil, IRAQ**

June 26, 2011

TABLE OF CONTENTS

1. Project Description
2. General Conditions
3. Bid Form
4. Statement Of Work
5. Project Schedule
6. Responsibilities & Project Management

1. PROJECT DESCRIPTION

Project Synopsis

The project is described as “Renovation of Property Number: S-010 (INL-ROL Annex) at the RRT US Regional Reconstruction Team, Erbil, Iraq.

The Contractor should furnish all necessary materials, labor, transportation, equipments, investigation and supervision, etc. Work will performed within in fixed-price contract.

BACKGROUND

At present the Management Building does not meet US life safety, comfort nor security standards. The Management Building must be upgrade to address various things such as wiring, windows, plumbing, electrical, mechanical and security concerns.

SOLUTION

Improve life safety conditions by replacing electrical internal panel, and installing Ground Fault Circuit (GFI) for all areas as required. Install additional circuits as necessary. Upgrade office condition by installing a small kitchenette, bathroom surfaces and fixtures. Upgrading the electrical system by changing the internal panel with a molded panel; make sure all the power outlets and equipments are grounded. Put all the wires and cables in conduit and using a water proof cover for all outdoor power outlets. Paint the exterior and interior.

2. GENERAL CONDITIONS

1. **Fixed-Price Proposal.** The Contractor shall provide one fixed-priced Proposal for the complete Project that includes every aspect of the Work.
2. **Specifications.** The Work shall be governed by the US Regional Reconstruction Team Compound, Erbil, Iraq. International Codes, which includes the National Fire Prevention Association (NFPA), International Building Code, International Mechanical Code, International Plumbing Code, and National Electric Code (NEC), also are applicable. Should *there be a* discrepancy between the RRT Specifications and the applicable Building Code, the more stringent of the two shall govern.

The Contractor is responsible for compliance with all Building Codes; Work not in compliance with the Codes shall be deemed to be unacceptable.

3. **Execution.** The Work shall be executed in a diligent and workmanlike manner in accordance with the negotiated fixed-price, this Statement Of Work, the Project Schedule, International Building Codes, and the laws of the City of Erbil where applicable.
4. **Work Hours.** Unless otherwise agreed with Facilities Management and COR, the Work shall be executed during normal Embassy work hours. Night, weekend or holiday work shall not be permitted except as arranged in advance with Facilities Management and COR. Embassy holiday schedule is available from Facilities Management or COR.
5. **Safety.** The Contractor shall be responsible for conducting the work in a manner that ensures the safety of residents, employees and visitors to the Embassy, and the Contractor's employees.
6. **Workforce.** The contractor shall provide all supervision, skilled and unskilled labor needed to perform the work. The contractor shall comply with embassy security policy by providing embassy approved escorts. Contractor provided escorts shall be in quantity sufficient to comply with RSO escort ratios for number of workers on the project. The contractor shall prepare requests to RSO for vetting of employees to get escort badges. The Contractor or government may request for workers to be badge for unescorted Embassy access by going through RSO vetting process.
7. **Subcontractors.** Contractor shall be responsible for the conduct and workmanship of Subcontractors engaged in the Project, and for Subcontractors compliance with the terms of this Statement of Work. The Contractor is responsible for the behavior and workmanship of Subcontractors while on RRT property.
8. **Modification to Contract.** The Contractor shall not incur any costs beyond those described in this SOW unless directed otherwise in writing by the Contracting Officer. Any work performed by the Contractor beyond this SOW without written direction from the Contracting Officer will be at the Contractor's own risk and at no cost to the RRT.
9. **Stop Work.** At any time during the Project, the Contracting Officer reserves the right to Stop Work for protection of employees or visitors, security, or any other reason at his/her discretion.
10. **Submittals.** The contractor is responsible to submit shop drawings prior to fabrication and release of any materials for the Facility Manager and COR Review and approval. The Facility Manager review, however, does not relieve of the contractor's responsibility for the engineering work as to provide a complete working system.
11. **Excavation and Utilities.** The contractor is responsible to locate all existing utility lines prior to any excavation. Prior to disconnecting any existing utility services, the contractor is responsible to provide 48-hour advance notice to the COR.

12. **Close-out.** Prior to final acceptance, the contractor is to submit to the Facility Manager marked up drawings (As-Built) reflecting the work as constructed? The drawings shall be digitally submitted on a CD-ROM in both AutoCAD and PDF format.

13. **Housekeeping.** The contractor is responsible to clean up daily after working hours.

3. BID FORM

Construction Cost Breakdown: INL-ROL Annex, Erbil, Iraq -
Building Number; S-010 (INL-ROL Annex)

No	Descriptions	Unit	Qty	Unit Price \$	Total Price \$
1	Administration				
A	Mobilization / Demobilization	LS	1		
B	Submittals – product data & shop drawings	LS	1		
	Administration			Sub-Total	
2	Construction Work				
A	INTERIOR AND EXTERIOR INTERIOR AND EXTERIOR REMODELING	LS	1		
B	Mechanical-Plumbing	LS	1		
C	Electrical	LS	1		
D	Voice and Data Cabling	LS	1		
E	Close-out	LS	1		
	Construction			Sub-Total	
3	DBA Insurance				
A	Contractor shall cover each of its workers at the site with DBA Workers' Compensation coverage, and require its subcontractors to do the same. Contractor must furnish certificate evidencing this coverage to Engineer prior to starting work.	LS	1		
	DBA Insurance			Sub-Total	
	Items 1 thru 3			Sub-Total	
				G & A	
				Sub-Total	
				Profit	
4	Basic Bid -			Contract Cost	
A	Bid -			Contract Cost	

4. Statement of work:

RENOVATION OF PROPERTY NUMBER: S-010 (INL-ROL ANNEX) "MAKE READY" THE CONTRACTOR SHALL BE PROVIDING ALL MATERIALS, TOOLS AND EQUIPMENTS, LABORS, TRANSPORTATION, AND SUPERVISION.

1. GENERAL REQUIREMENTS

- a. Within 5 days of Notice to Proceed, the contractor shall provide to the COR a project schedule showing start to completion including significant milestones.
- b. Within 10 days of Notice to Proceed "NTP", the Contractor shall provide to the COR details of the proposed installation utilizing written description or sketches or both.
- c. The contractor is responsible to dispose of the construction debris outside of the RRT Compound. Include, but not limited to soils, rock excavation, packing materials and scrap steel.
- d. The contractor is responsible to properly layout and prepare for the renovation based on locations provided by FAC.
- e. When pursuing the work, the contractor is to take extra care as not to damage existing structure.
- f. All construction work will be in conformance with the following Codes:
 - f1) International Building Code, 2003 Edition
 - f2) International Plumbing Code, 2003 Edition
 - f3) International Mechanical Code, 2003 Edition
 - f4) International Fire Code, 2003 Edition
 - f5) National Electric Code, 2009 Edition
 - f6) National Fire Protection Association, NFPA 101 & NFPA 58
 - f7) ICC/ANSI A117.1-98 Accessible and Usable Buildings and Facilities

A. INTERIOR AND EXTERIOR INTERIOR AND EXTERIOR REMODELING

General Notes for the Building:

1. Clean and polish all floor tiles to original condition. Removing all plaster and other materials. Remove and disposed of all Carpet.
2. Provide and install vertical blinds for all windows. Provide sample of similar Blinds for approval. Currently there are no blinds on the windows.
3. Patch and Paint Interior walls, door/window frames. Color: Beige (flat).
4. Patch and Paint building Exterior walls. Color: Sand Brown (flat).
5. Patch and Paint Exterior Window frames, grills. Color: White (semi-gloss).

6. Patch and Paint all interior ceilings. Color: White (flat).
7. Patch and Paint perimeter wall. Color: Sand Brown (flat).
8. Remove/reinstall, Patch/sand, Paint, (install new hardware -handles, hinges, etc.) all interior doors. Color: Light Brown (flat). If necessary replace interior doors.
9. Remove and dispose of perimeter wall along the street leaving 40 cm from ground level. Patch to match existing wall color-Sand Brown.
10. Prior to painting and patching pressure wash exterior of building and the perimeter walls.
11. Repair and finish all interior and exterior walls prior to painting-filling cracks, removing nails from the wall.
12. Provide and replace all broken window glass. Clean all windows interior and exterior.
13. Provide and install new drain pipes on outside walls.
14. All exterior and interior electrical and plumbing to be run in conduit that is esthetic to the building.
15. Eliminate all vegetation on outside walls.
16. Repair all broken concrete walkway.
17. Remove and discard all fans, wiring, and rebar on ceilings.
18. Contractor must supply "cleared escorts" at all job sites.

Basement:

1. Provide and install new lighting for stairway and basement storage area with switch at top of stairs on first floor.

First Floor:**Room 101 (Kitchen):**

1. Provide and install a 25cm exhaust fan with louvers in the wall and switch located below. Cut wall for installation.
2. Provide and install GFI receptacles on wall.

(Bathroom)-Unisex:

1. Provide and install standard toilet w/seat, sink and mirror; toilet paper holder next to toilet and towel holder next to the sink. Remove and dispose of the existing toilet, sink and fixtures.
2. Provide and install one urinal and piping with small privacy screen between urinal and toilet.
3. Provide and install a 25cm exhaust fan with louvers in the wall and switch located next to light switch. Cut wall for installation.
4. Provide and install light fixtures with switches.
5. Provide and install new interior entrance door with hardware.

Second Floor:Storage Room:

1. Install new two light fixtures with switch on outside of entrance door. Remove and discard existing light fixture.

(Bathroom)-Unisex:

1. Remove and dispose of existing entrance door to toilet.
2. Provide and install new interior door with hardware to open into the bathroom area from the open area.
3. Provide and install standard toilet w/seat, sink and mirror; toilet paper holder next to toilet and towel holder next to sink. Remove and dispose of the existing toilet, sink and fixtures.
4. Provide and install one urinal and piping with a small privacy screen between urinal and toilet.
5. Provide and install a 25cm exhaust fan with louvers in the wall and switch located next to light switch. Cut wall for installation. Provide and install window glass as similar.

B. MECHANICAL WORK

1. Provide and install seven (7) new 24,000 Btu split system units with heat pump in seven (7) rooms. Do not run power cable and tubing through windows. Penetrate wall for tubing and power cable. All condenser (outdoor) units on the first floor to be installed on ground level and those on the second floor on the roof or balcony. Installation locations same as present (indoor) units. Provide Warranties. Return existing units to Facilities Maintenance.
2. Provide and install new domestic water pressure pump system. Pump shall be 3/4 Hp and capable of providing appropriate water pressure to fill Roof Tank. Pump to be installed at the city connection pipe. Provide warranty and service period for the installed equipment.

3. Provide and install two electric tankless hot water heaters in the two bathrooms.

C. ELECTRICAL WORK

1. Reroute the electrical line from the utility pole for safety.
2. Reroute the electrical line from the generator to the transfer switch.
3. All circuits inside the house shall be in EMT conduit or similar.
4. All outdoor receptacles shall be GFCI and installed in weatherproof box with cover.
5. Provide and install weatherproof outdoor lights where existing lights are presently installed. Remove and dispose of existing lighting fixtures.
6. Remove and dispose all unused wires, cables and panels. Repair any damage caused by work performed. Clean all work areas.
7. Provide and install new wiring throughout the building. The wiring to be THHN/THWN insulated, 600Volts rated equal to NEC #12. Remove and dispose of all replaced wiring.
8. Conduit runs shall contain no more than four quarter turns (90 degree bends) between pull boxes (NEC).
9. Conduits and Protection: All wiring and cabling shall be installed in metal conduit or raceway.
10. Provide and install a double gang (two outlets side by side) electrical outlet along all Interior walls 3 meters apart in each work station rooms.
11. Provide and install single outlets 3 meters apart in all non work station rooms (hallway, bathrooms, kitchen, etc.).
12. Provide and install AC outlet at each unit.
13. Provide and install new Fluorescent lighting fixtures with covers on each wall with switches located at the entrances of all rooms. Remove and dispose of all existing lighting fixtures.
14. At the first landing between the two stairways and at the top landing provide and install fluorescent lights with cover. Provide and install a 2-way switch at the bottom floor and the top floor of the stairway.

15. Provide and install one (1) outdoor weatherproof electrical receptacle on each of the three exterior walls of the building. (The receptacles should be supplied power through the wall of the room they are attached to).
16. Provide and install GFI electrical outlet in Bathrooms to include one for the newly installed exhaust fan. Exhaust fan to be on separate switch at door next to light switch.

D. Installation of Voice and Data Cable Network

The vendor will provide a quotation for the installation of data and telephone cabling at the RRT compound in Erbil in accordance with the following standards:

Definitions:

- **Entrance Facilities:** where the building interfaces with the outside world.
- **Equipment Rooms:** host equipment which serve users inside the building
- **Backbone Cabling:** connection between the entrance facilities, equipment rooms and telecommunications rooms.
- **Government Furnished Equipment (GFE):** Materials and equipment provided by the U.S. Government to be installed by the Contractor.
- **Structured cabling:** design and installation is governed by a set of standards that specify wiring data centers and offices, for data or voice communications using category 6 cables (CAT6E) and modular sockets. These standards define how to configure and install the cabling in a star formation such that all outlets terminate at a central wall-mounted patch panel from where it can be determined exactly how these connections will be used. Each outlet can be 'patched' into a data network switch (ordinarily wall mounted alongside) or patched into a 'telecoms patch panel' which forms the bridge into a private branch exchange (PBX) telephone system thus making the connection a voice port.
- **Telephone/data:** outlet boxes shall be single gang, vertically mounted electrical boxes. Outlet boxes shall be flush-mounted whenever possible. Outlet box faceplates and telephone / data jacks shall be supplied and installed by the Cabling Contractor. The Contractor will provide as built drawing(s) showing location and deviation from standard vertical, flush mount.

Codes And Standards:

- a) CAN/CSA-T529 (EIA/TIA568-A) - Electrical Installations
- b) CAN/CSA-T528 (EIA/TIA 606) - Wiring Systems Administration
- c) CAN/CSA-T527 (EIA/TIA 607) - Telecommunications Pathways and Spaces
- d) CAN/CSA-T527 (EIA/TIA 607) - Commercial Building Grounding /Bonding /Requirement Standards

- e) EIA/TIA, IEEE, FCC Standards - Data System Performance Standards
- f) IEEE Standard 1100 - Powering and Grounding Sensitive Electronic Equipment

The guidelines are:

1. Supply and installation of all communication cables and associated termination components in accordance with the standards mentioned above. There are no differences in the cabling or connectors between data and telephone as standard used will be UTP CAT6E Plenum cable and RJ45 connector for CAT6E.
2. Ensure that internal cabling is kept clear of all power equipment and lighting fixtures as follows:
 - installation guidelines;
 - transformers up to 5 KVA 1m;
 - power lines (120v systems) 300mm;
 - fluorescent lighting 300mm;
 - power lines (600v systems) 1meter;
 - electrical motors -1 meter
3. Leave the main distribution frame copper ready to be terminated.
4. Identify all cables with numbered markers at both ends to as built drawings for record purposes.
5. Contractor will test for continuity, pair placement, pair reversal and incorrectly terminated cables, which will be verified and accepted by the Government.
6. Contractor will test and provide results for each pair according to:
 - Wire map;
 - Length;
 - Propagation delay and skew;
 - NEXT and FEXT;
 - NEXT @ Remote;
 - Attenuation;
 - Resistance impedance;
 - Power sum and return loss testing for all pairs
7. Test all cabling to be in accordance with EIA/TIA 568A-TSB-67. Provide full test output in electronic (test-file) format using the latest version of application software (MS WORD, MS EXCEL, Adobe Acrobat, etc.) Also, provide test summary sheets on paper.

8. Complete layout documentation of all wire closets and the cross connect frame shall be provided to the design engineer upon substantial completion of the project,

Warranty:

The Installation Contractor shall support the above system for a period of two years from the date of acceptance by American Embassy Baghdad/RRT Erbil. The response time to troubleshoot and begin repairs of reported failures will be four (4) hours. If the failure is a result of installation and/or performance of structured cabling, the failure will be repaired within 24 hours from the time of the report. If the failure is not installation and/or performance of structured cabling, the Contractor shall contact the Responsible Representative of the RRT to confirm and get approval to proceed. The Contractor shall make the effort to coordinate and get approval to proceed prior to any visit to the Ankawa compound.

The work includes.

1. Telephone: The RRT will provide a telephone backboard at each location.
2. Horizontal cabling: Contractor will provide and install four CAT-6 UTP cable from the IDF box to each room or location in raceway as home runs noted on attachment A without any splices.
3. Contractor will provide bix or 110 block on the backboard for cross connects with wiring coming into the building.
4. The telephone wiring cross connects will be made by the government.
5. Contractor will provide and design all pathways to accommodate additional and diverse telecommunications requirements from the backboard to each outlet.
6. Work area Cat 6 cables must be terminated on industry standard eight pin modular Cat 6, unkeyed, RJ-45 jacks pinned to ANSI/EIA 568A standard.
7. Contractor shall provide and terminate at each drop three RJ-45 jacks, and Cat 6 UTP cable: one for telephone (blue), one for data (yellow) and one spare (green)
8. The telephone cable will terminate on the 110 or bix block on the backboard.
9. Contactor shall label all cabling and receptacle boxes as set forth in EIA standard 606 and do end to end testing (as noted in #6 above).
10. Data: The contractor will provide and install next to the backboard a standard black 19 inch wide (10-12 "U" tall) wall mounted telecom-munications rack (with exhaust fan and locking front door) to house a rack mounted UPS, two 24/48 port patch panels and a Cisco switch.
11. The UPS, patch panels and Cisco switch will be GFE.

12. Contractor will provide and install fiber optic jumper cables between the FO distribution panel and the switch as outlined in the building drawing.
13. Tests must ensure that the measure link loss for each strand does not exceed the “worst case” allowable loss defined as the sum of the connector loss (based on the number of mated connector pairs at the EIA/TIA-568-B maximum allowable loss of 0.75 dB per mater pair).
14. At completion of the project, contractor will ensure that all holes they made in the building are patched and the area painted to match to original colors, excess materials are removed, and the work area returned to its original state.

E. Closeout

1. At completion of work, the Contractor shall clean any impacted areas to a condition equal to original condition.
2. All shipping materials and construction debris are to be disposed of in a legal manner outside of the Compound.
3. Prior to Final Acceptance the Contractor shall submit to the Contracting Officer Representative marked up drawings (As-Built) reflect the work as constructed. The drawings shall be digitally submitted on a CD-ROM in both AutoCAD and PDF format.

SAFETY (FAR 52.236-13 Accident Prevention.)

1. The Contractor shall provide and maintain work environments and procedures which will:
 - (a) Safeguard the public and Government personnel, property, materials, supplies, and equipment exposed to Contractor operations and activities.
 - (b) Avoid interruptions of Government operations and delays in project completion dates.
 - (c) Control costs in the performance of this contract.
2. For these purposes on contracts for construction or dismantling, demolition, or removal of improvements, the Contractor shall-
 - (a) Provide appropriate safety barricades, signs, and signal lights
 - (b) Comply with the standards issued by the Secretary of Labor at 29 CFR part 1926 and 29 CFR part 1910
 - (c) Ensure that any additional measures the Contracting Officer determines to be reasonably necessary for the purposes are taken.
3. Contractor shall comply with all pertinent provisions of the latest version of U.S. Army Corps of Engineers Safety and Health Requirements Manual, EM 385-1-1, in effect on the date of the solicitation.
4. Whenever the Contracting Officer becomes aware of any noncompliance with these requirements or any condition which poses a serious or imminent danger to the health or safety of the public or Government

personnel, the Contracting Officer shall notify the Contractor orally, with written confirmation, and request immediate initiation of corrective action.

This notice, when delivered to the Contractor or the Contractor's representative at the work site, shall be deemed sufficient notice of the noncompliance and that corrective action is required. After receiving the notice, the Contractor shall immediately take corrective action.

If the Contractor fails or refuses to promptly take corrective action, the Contracting Officer may issue an order stopping all or part of the work until satisfactory corrective action has been taken. The Contractor shall not be entitled to any equitable adjustment of the contract price or extension of the performance schedule on any stop work order issued under this clause.

5. The Contractor shall insert this clause, including this paragraph (e), with appropriate changes in the designation of the parties, in subcontracts

5. PROJECT SCHEDULE - RESERVED

1. Approximate dates of pre-award activities - reserved

2. Construction Milestones, from Notice to Proceed

Notice to Proceed (NTP)	0	Days from NTP
Project Schedule to OBO	5	
Project Design Notes / Sketches	10	
FAC Review	20	
Procurement, Shipping	25	
Fabrication	35	
Construction Completion	50	
Project Acceptance	60	

3. Deliverables - See Section F.11

4. Commencement, Prosecution, and Completion of Work - See Section F.2

6. RESPONSIBILITIES AND PROJECT MANAGEMENT

1. **COR.** A Contracting Officers Representative (COR) will be assigned to ensure quality assurance goals are met. The Contractor shall provide the COR access to the site at all times.
2. **Point of Contact.** The COR shall be the main point of contact for this Project. The Contractor shall report to the COR on (a) status of the Project, (b) changes in Schedule, (c) accidents and safety issues, (d) disruptions to elevator or utility services; and all other important information pertaining to the Project
3. **English Speaking Representative.** The Contractor shall provide an English-speaking representative on-site during all working hours with the authority to make all decisions on behalf of the Contractor and subcontractors.
4. **Management Personnel.** The Contractor shall staff the site, full-time, with a competent senior manager who shall perform project management. Remote project management is not an option. This

individual shall keep a detailed photographic and written history of the project and shall update the Government weekly.

5. **Site Security.** The Contractor is responsible for on-site security as necessary to ensure no unauthorized access to their work sites. The Contractor is 100% responsible for securing their working materials and equipment. Any damage to facilities or infrastructure, which happens due to a lack of security, will be the responsibility of the Contractor to correct.
6. **Contractor's Temporary Work Center.** The Contractor will be permitted to use a designated area within the contract limits for operation of his construction equipment and office if warranted. If directed by the Contracting Officer, the Contractor shall not receive additional compensation to relocate his operations. The Contractor is responsible for obtaining any required additional mobilization area above that designated. On completion of the contract, all facilities shall be removed from the mobilization area within 5 days of final acceptance by the Contractor and shall be disposed of in accordance with applicable host government laws and regulations. The site shall be cleared of construction debris and other materials and the area restored to its final grade. The Contractor is responsible for maintaining this area in a clear orderly manner.
7. **Health and Safety.** The Contractor shall be solely responsible for risk assessments, managing health, and safety issues associated with this project. The Contractor must provide cold water to all workers at the job sites. Based on hazard assessments, Contractors shall provide or afford each affected employee personal protective equipment (PPE) that will protect the employee from hazards. At a minimum PPE shall consist of eye protection, hard hats, and closed toe shoes. If the workers arrive on-site with sandals or athletic shoes, the Contractor is expected to provide rubber boots to them or send them home. All construction workers and management personnel must wear hard hats at all times on the construction sites. Contractor provided rubber boots and rubber gloves shall be worn when working around concrete placement. Other PPE such as gloves, dust masks, air respirators (sewage work) are also recommended. These items must be provided at the Contractor's expense. Workers may use discretion if they feel unsafe in using the equipment in a hostile environment. Any worker at an elevated location above 4 meters, with the exception of a portable ladder, must be provided and utilize a safety harness.

ATTACHMENT #4

TASK ORDER # 2

STATEMENT of WORK

For-S-011

(Management Building)

General Construction SERVICES

For

**RENOVATION (MAKE READY) OF COMPOUND
HOUSING TO MEET INTERNATIONAL BUILDING
AND SAFETY CODES.**

U.S. EMBASSY

Erbil, IRAQ

June 26, 2011

TABLE OF CONTENTS

1. Project Description
2. General Conditions
3. Bid Form
4. Statement Of Work
5. Project Schedule
6. Responsibilities & Project Management

1. PROJECT DESCRIPTION

Project Synopsis

The project is described as “Renovation of Property Number: S-011 (Management Building) at the RRT US Regional Reconstruction Team, Erbil, Iraq.

The Contractor should furnish all necessary materials, labor, transportation, equipments, investigation and supervision, etc. Work will performed within in fixed-price contract.

BACKGROUND

At present the Management Building does not meet US life safety, comfort nor security standards. The Management Building must be upgrade to address various things such as wiring, windows, plumbing, electrical, mechanical and security concerns.

SOLUTION

Improve life safety conditions by replacing electrical internal panel, and installing Ground Fault Circuit (GFI) for all areas as required. Install additional circuits as necessary. Upgrade office condition by installing a small kitchenette, bathroom surfaces and fixtures. Upgrading the electrical system by changing the internal panel with a molded panel; make sure all the power outlets and equipments are grounded. Put all the wires and cables in conduit and using a water proof cover for all outdoor power outlets. Paint the exterior and interior.

2. GENERAL CONDITIONS

1. **Fixed-Price Proposal.** The Contractor shall provide one fixed-priced Proposal for the complete Project that includes every aspect of the Work.
2. **Specifications.** The Work shall be governed by the US Regional Reconstruction Team Compound, Erbil, Iraq. International Codes, which includes the National Fire Prevention Association (NFPA), International Building Code, International Mechanical Code, International Plumbing Code, and National Electric Code (NEC), also are applicable. Should there be a discrepancy between the RRT Specifications and the applicable Building Code, the more stringent of the two shall govern.

The Contractor is responsible for compliance with all Building Codes; Work not in compliance with the Codes shall be deemed to be unacceptable.

3. **Execution.** The Work shall be executed in a diligent and workmanlike manner in accordance with the negotiated fixed-price, this Statement Of Work, the Project Schedule, International Building Codes, and the laws of the City of Erbil where applicable.
4. **Work Hours.** Unless otherwise agreed with Facilities Management, the Work shall be executed during normal Embassy work hours. Night, weekend or holiday work shall not be permitted except as arranged in advance with Facilities Management. Embassy holiday schedule is available from Facilities Management.
5. **Safety.** The Contractor shall be responsible for conducting the work in a manner that ensures the safety of residents, employees and visitors to the Embassy, and the Contractor's employees.
6. **Workforce.** The contractor shall provide all supervision, skilled and unskilled labor needed to perform the work. The contractor shall comply with embassy security policy by providing embassy approved escorts. Contractor provided escorts shall be in quantity sufficient to comply with RSO escort ratios for number of workers on the project. The contractor shall prepare requests to RSO for vetting of employees to get escort badges. The Contractor or government may request for workers to be badge for unescorted Embassy access by going through RSO vetting process.
7. **Subcontractors.** Contractor shall be responsible for the conduct and workmanship of Subcontractors engaged in the Project, and for Subcontractors compliance with the terms of this Statement of Work. The Contractor is responsible for the behavior and workmanship of Subcontractors while on RRT property.
8. **Modification to Contract.** The Contractor shall not incur any costs beyond those described in this SOW unless directed otherwise in writing by the Contracting Officer. Any work performed by the Contractor beyond this SOW without written direction from the Contracting Officer will be at the Contractor's own risk and at no cost to the RRT.
9. **Stop Work.** At any time during the Project, the Contracting Officer reserves the right to Stop Work for protection of employees or visitors, security, or any other reason at his/her discretion.
10. **Submittals.** The contractor is responsible to submit shop drawings prior to fabrication and release of any materials for the Facility Manager Review and approval. The Facility Manager review, however, does not relieve of the contractor's responsibility for the engineering work as to provide a complete working system.
11. **Excavation and Utilities.** The contractor is responsible to locate all existing utility lines prior to any excavation. Prior to disconnecting any existing utility services, the contractor is responsible to provide 48-hour advance notice to the COR.
12. **Close-out.** Prior to final acceptance, the contractor is to submit to the Facility Manager marked up drawings (As-Built) reflecting the work as constructed? The drawings shall be digitally submitted on a CD-ROM in both AutoCAD and PDF format.

13. **Housekeeping.** The contractor is responsible to clean up daily after working hours.

3. BID FORM

Construction Cost Breakdown: Management Building , Erbil. Iraq

Building S-011

No	Descriptions	Unit	Qty	Unit Price \$	Total Price \$
1	Administration				
A	Mobilization / Demobilization	LS	1		
B	Submittals – product data & shop drawings	LS	1		
	Administration			Sub-Total	
2	Construction Work				
A	INTERIOR AND EXTERIOR INTERIOR AND EXTERIOR REMODELING	LS	1		
B	Mechanical-Plumbing	LS	1		
C	Electrical	LS	1		
D	Voice and Data Cabling	LS	1		
E	Close-out	LS	1		
	Construction			Sub-Total	
3	DBA Insurance				
A	Contractor shall cover each of its workers at the site with DBA Workers' Compensation coverage, and require its subcontractors to do the same. Contractor must furnish certificate evidencing this coverage to Engineer prior to starting work.	LS	1		
	DBA Insurance			Sub-Total	
	Items 1 thru 3			Sub-Total	
				G & A	
				Sub-Total	
				Profit	
4	Basic Bid -			Contract Cost	
A	Bid -			Contract Cost	

4. Statement of work:

RENOVATION OF PROPERTY NUMBER: S-011 (MANAGEMENT BUILDING) “MAKE READY”
THE CONTRACTOR SHALL BE PROVIDING ALL MATERIALS, TOOLS AND EQUIPMENTS,
LABORS, TRANSPORTATION, AND SUPERVISION.

1. GENERAL REQUIREMENTS

- a) Within 5 days of Notice to Proceed, the contractor shall provide to the COR a project schedule showing start to completion including significant milestones.
- b) Within 10 days of Notice to Proceed “NTP”, the Contractor shall provide to the COR details of the proposed installation utilizing written description or sketches or both.
- c) The contractor is responsible to dispose of the construction debris outside of the RRT Compound. Include, but not limited to soils, rock excavation, packing materials and scrap steel.
- d) The contractor is responsible to properly layout and prepare for the renovation based on locations provided by FAC.
- e) When pursuing the work, the contractor is to take extra care as not to damage existing structure.
- f) All construction work will be in conformance with the following Codes:
 - f1) International Building Code, 2003 Edition
 - f2) International Plumbing Code, 2003 Edition
 - f3) International Mechanical Code, 2003 Edition
 - f4) International Fire Code, 2003 Edition
 - f5) National Electric Code, 2009 Edition
 - f6) National Fire Protection Association, NFPA 101 & NFPA 58
 - f7) ICC/ANSI A117.1-98 Accessible and Usable Buildings and Facilities

A. INTERIOR AND EXTERIOR INTERIOR AND EXTERIOR REMODELING

General Notes for the Building:

1. Clean and polish all floor tiles to original condition. Removing all plaster and other materials. Remove and disposed of all Blue Carpet.
2. Provide and install vertical blinds for all windows. Provide sample of similar Blinds for approval. Currently there are no blinds on the windows.
3. Patch and Paint Interior walls, door/window frames. Color: Beige (flat).
4. Patch and Paint building Exterior walls. Color: Sand Brown (flat).
5. Patch and Paint Exterior Window frames, grills and balcony railing. Color: White (semi-gloss).

6. Patch and Paint perimeter wall. Color: Sand Brown (flat).
7. Remove/reinstall, Patch/sand, Paint, (install new hardware -handles, hinges, etc.) all interior doors. Color: Light Brown (flat).
8. Remove and dispose of perimeter wall along the street leaving 40 cm from ground level. Patch to match existing wall.
9. Remove and dispose of the dividing wall between Management Building and PD Building leaving 96cm above ground level. Patch to match existing wall.
10. Prior to painting and patching pressure wash exterior of building and the perimeter walls.
11. Remove and dispose of the storage buildings at the street between buildings S-010 and S-011. Close the opening in the wall along the street. Patch to match existing wall. Also disconnect, remove and dispose of all electrical and plumbing connections, seal and cover in ground.
12. Repair and finish all interior and exterior walls prior to painting-filling cracks, removing nails from the wall.
13. Provide and replace all broken window glass. Clean all windows interior and exterior.
14. Provide and install new drain pipes on outside walls.
15. All exterior and interior electrical and plumbing to be run in conduit that is esthetic to the building.
16. Eliminate all vegetation on outside walls.
17. Repair all broken concrete walkway.
18. Contractor must supply "cleared escorts" at all job sites.

Forced Entry (FE) Grill:

1. Construction work:

Fabricate and install Forced Entry (FE) grilles for positions A110, see provided drawings. Contractor is responsible to take detailed measurements in place before fabricating FE grilles and make sure that gap between steel frame and window/door opening is **NO** more than 5mm. U.S. Embassy is not responsible for provided measurements, provided measurements are to be used as a reference.

1.1. Supply material, construct and install forced Entry (FE) grilles for a window.

- o Forced Entry (FE) grilles locally fabricated must install on the exterior side of the window opening.
- o FE grilles must be fabricated based on provided drawing details for materials, welding procedures and installation.

o Window opening is of different structural material, for anchoring frame contractor must use appropriate anchors based on wall structure.

o All Forced Entry grille design must be based on the following interim criteria:

☐ Minimum bar diameter -3/4in.(20mm), or 1/2in.x 3/4in. (14x20mm)rectangular bars;

☐ Maximum horizontal spacing - 5in. (125mm);

☐ Maximum vertical spacing - 5in. (125mm);

o Mounting requires that all bolt heads be welded to the steel frame.

o Additionally, surface mounted grilles must be designed such that they do not provide a convenient ladder.

o Forced entry window/door grille frames should be anchored using:

☐ **CONCRETE:** M10X90 (3/8 in. x 3-1/2 in.)(910x90mm)(minimum) drop-in expansion anchors at 5 in. (125mm)o.c. (maximum). Anchor/bolt heads should be welded to the frame.

☐ **MASONRY:** M10X150 (3/8 in. x 6 in.)(10x150mm) (minimum) Hilti C-20 or equivalent at 10 in. (250mm)o.c. Anchor/bolt heads should be welded to the frame.

o Contractor while drilling surfaces for installing anchors must exercise care to the wall finishes, NOT damaging it. Any damage occurred on interior/exterior walls, facade, surroundings and other damaged items must be repaired by the contractor on their cost.

o While welding bolt heads contractor must protect surroundings, any created damages must be replace or repair to the existing condition by contractor on their cost.

1.2. Supply material and install steel strip around frame when will occur gap between forced entry grille and window/door wall

o Steel strip must be welded all along the line.

2. Paint work:

2.1. Supply material and paint Forced Entry (FE) grilles including steel strip.

First Floor:

Room A101 (Entrance):

1. Remove and dispose of the metal front entrance. (Door, glass, frames).
2. Provide and install front door and frame with Turkish type. Similar to other installed door/frame. Contractor to dispose of exiting door and frame.

Room A102 (Office):

1. Remove and dispose of wall between room A102 and hallway. Patch to match existing wall and ceiling.

Room A105 (Stairway and open area):

1. Provide and install banister at the first and top landings of the stairway railing to meet the 107cm height requirement. Stairway rail meets the 90cm requirement.

Room A106 (Bathroom)-Unisex

1. Provide and install standard toilet w/seat, sink and mirror; toilet paper holder next to toilet and towel holder next to the sink. Remove and dispose of the existing toilet, sink and fixtures.
2. Provide and install one urinal and piping with two small privacy screens on both sides.
3. Provide and install a 25cm exhaust fan with louvers in the wall and switch located next to light switch. Cut wall for installation.
4. Provide and install two (2) new double-pane frosted windows and frames. Dispose of existing windows and frames.
5. Provide and install new interior entrance door with hardware. Dispose of the two exiting doors and frames. Door to open into bathroom.
6. Patch and repair floors and walls to match existing.
7. Provide and install similar materials to expand the entrance wall and ceiling 36cm into A105.
8. Install new or use existing door that allows access under the stairs to accommodate the bath room extension in number 6, above.
9. Use the existing tankless hot water heater next to sink.

Room A107 (Office):

1. Remove and dispose of the window AC unit. Provide and install new window glass. Patch and Match existing wall.

Room A108 (Kitchenette):

1. Provide and install Kitchenette-cabinets and sink similar to existing Residence #6 with new faucets. (Water outlets and drain already in place).
2. Remove and dispose of existing shower and faucet. Provide material and repair floor to match existing.
3. Provide and install tankless water heater under the sink.
4. Provide and install two (2) fluorescent lights with cover on opposite walls and light switch at doorway.

5. Remove and dispose of exhaust fan and replace window glass.

Room A110 (Cashier):

1. Provide and install a new window with a Forced Entry (FE) grill on the outside wall. Cut wall to fit window 1M square. Patch interior and exterior wall to match existing walls.

Second Floor:

Room A201 (Second Floor Landing):

1. Remove and dispose of the wooden door/frame and wall to Room A204. Patch to match wall.

Room A202 (Office):

1. Remove and dispose of room entrance door and frame. Patch to match wall.

Room A203 (Bathroom)-Unisex:

1. Remove and dispose of existing entrance door.
2. Provide and install interior door with hardware to open into the bathroom.
3. Remove and dispose of shower. Provide material and repair floor to match existing.
4. Provide and install standard toilet w/seat, sink and mirror; toilet paper holder next to toilet and towel holder next to sink. Remove and dispose of the existing toilet, sink and fixtures.
5. Provide and install one urinal and piping with a small privacy screens between urinal and toilet.
6. Provide and install a 25cm exhaust fan with louvers in the wall and switch located next to light switch. cut wall for installation. Provide and install window glass as similar.

Balcony (off A204):

1. Remove and dispose of door and window and frames.
2. Provide and install new metal door and window similar to others (see PD Bldg.) Door to open onto balcony.
3. Provide and install an addition to the railing to meet the 107cm height requirement. Use similar metal.
4. Remove and dispose of the window AC unit.

Room A207 (Office):

1. Remove and dispose of door and frame leading into Room A208.
2. Provide and install a new interior door with frame and hardware in place of the above door and frame. Door to open into Room A208.

Room A208 (Conference Room):

1. Remove and dispose of interior door and frame leading into Room A208 from hallway.
2. Provide and install a new interior door with frame and hardware in place of the above door and frame. Door to open into Room A208.
3. Remove and dispose of the metal door and window partition between A208 and A208a. Patch to match wall.

B. MECHANICAL WORK

1. Provide and install eleven (11) new 24,000 Btu split system units with heat pump in ten (10) rooms and one at the first landing of stairway, between floors. Do not run power cable and tubing through windows. Penetrate wall for tubing and power cable. All condenser (outdoor) units on the first floor to be installed on ground level and those on the second floor on the roof. Installation locations same as present (indoor) units. Provide Warranties. Return existing units to Facilities Maintenance.
2. Provide and install new domestic water pressure pump system. Pump shall be 3/4 Hp and capable of providing appropriate water pressure to fill Roof Tank. Pump to be installed at the city connection pipe. Provide warranty and service period for the installed equipment.
3. Provide and install two electric tankless hot water heaters. One in kitchenette and the other in the second floor bathroom.
4. Remove and dispose of the two hot water heaters, one on balcony and one in back of building at ground level. Seal all plumbing connections and patch to match wall.

C. ELECTRICAL WORK

1. Upgrade the new service entrance 3 phase panel to 200amps; establish a ground, from panel to ground ring (the ground rod needs to be copper or metal clad copper 3 meters long). Connect 35mm sq copper wires from ground ring to main circuit breaker. Connect ground rod to water pipe with 35mm² copper wires. Impedance of ground path for any electrodes may not exceed 15 ohms.
2. Install one with 95mm sq bare copper ground ring around the exterior of the building install, 3 meter long copper ground rods at each corner & tie the service entrance panel to it.

3. The service entrance panel to be rated, weather proof, 200Amps, 400Volts (3-Phase) with 200Amps main circuit breaker and 32 breaker positions (Single pole breakers).
4. Location of new Main Circuit Breaker Panel on Balcony A204 wall near existing panel. All circuit breakers shall be labeled in English and local language. Provide panel board schedule and place on inside of panel door.
5. Provide and install new Transfer Switch in location of existing Transfer Switch next to Main Circuit Breaker Panel on Balcony A204. Remove existing TS and give to FM.
6. Remove existing cable from standby generator to Transfer Switch and give to FM.
7. Provide and install new cable from standby generator to new Transfer Switch. Cable should be buried in ground from generator to building. Depth: 50cm.
8. Main power boxes and new wiring in each facility must meet codes and standards (NFPA 70).
9. Connect service from MOE grid to new service panel.
10. Reroute the electrical line from the utility pole for safety.
11. Provide and install all circuit breakers with a ground.
12. Ground fault circuit interrupters (GFCI's) shall provide for all receptacles in wet locations to include kitchenette, bathrooms and outdoors. The GFI should trip at 10MAmps or less. Test all installed GFCI for their accurate reaction.
13. All circuits inside the house shall be in EMT conduit or similar.
14. All outdoor receptacles shall be GFCI and installed in weatherproof box with cover.
15. Provide and install weatherproof outdoor lights with 2-way switches-on the outdoor of the two exterior doors (A104 and A112) where existing lights are presently installed. Remove and dispose of existing lighting fixtures.
16. Remove and dispose all unused wires, cables and panels. Repair any damage caused by work performed. Clean all work areas.
17. Provide and install new wiring throughout the building. The wiring to be THHN/THWN insulated, 600Volts rated equal to NEC #12. Remove and dispose of all replaced wiring.

18. Conduit runs shall contain no more than four quarter turns (90 degree bends) between pull boxes (NEC).
19. Conduits and Protection: All wiring and cabling shall be installed in metal conduit or raceway.
20. Provide and install a double gang (two outlets side by side) electrical outlet along all Interior walls 3 meters a part in each work station rooms.
21. Provide and install single outlets 3 meters a part in all non work station rooms (hallway, bathrooms, conference room, etc.).
22. Provide and install AC outlets in each work station rooms (A105, 106, 107, 112, 115; A202, 204, 205, 206, 208) and one (1) above window on stairway landing between floors.
23. Provide and install new Fluorescent lighting fixtures with covers on each wall with switches located at the entrances of all rooms. Remove and dispose of all existing lighting fixtures.
24. At the first landing between the two stairways and at the top landing provide and install fluorescent lights with cover. Provide and install a 2-way switch at the bottom floor and the top floor of the stairway.
25. Provide and install one (1) outdoor weatherproof electrical receptacles on each of the three exterior walls of the building. (The receptacles should be supplied power through the wall of the room they are attached to).
26. Provide and install GFI electrical outlet in A110 (Bathroom) to include one for the newly installed exhaust fan. Exhaust fan to be on separate switch at door next to light switch.
27. Provide and install one electrical outlet for each tankless hot water heater in the two bathrooms and kitchenette. Heater will be installed under the sink.

D. Installation of Voice and Data Cable Network

The vendor will provide a quotation for the installation of data and telephone cabling at the RRT compound in Erbil in accordance with the following standards:

Definitions:

- **Entrance Facilities:** where the building interfaces with the outside world.
- **Equipment Rooms:** host equipment which serve users inside the building
- **Backbone Cabling:** connection between the entrance facilities, equipment rooms and telecommunications rooms.
- **Government Furnished Equipment (GFE):** Materials and equipment provided by the U.S. Government to be installed by the Contractor.

• **Structured cabling:** design and installation is governed by a set of standards that specify wiring data centers and offices, for data or voice communications using category 6 cables (CAT6E) and modular sockets. These standards define how to configure and install the cabling in a star formation such that all outlets terminate at a central wall-mounted patch panel from where it can be determined exactly how these connections will be used. Each outlet can be 'patched' into a data network switch (ordinarily wall mounted alongside) or patched into a 'telecoms patch panel' which forms the bridge into a private branch exchange (PBX) telephone system thus making the connection a voice port.

• **Telephone/data:** outlet boxes shall be single gang, vertically mounted electrical boxes. Outlet boxes shall be flush-mounted whenever possible. Outlet box faceplates and telephone / data jacks shall be supplied and installed by the Cabling Contractor. The Contractor will provide as built drawing(s) showing location and deviation from standard vertical, flush mount.

Codes And Standards:

- d) CAN/CSA-T529 (EIA/TIA568-A) - Electrical Installations
- e) CAN/CSA-T528 (EIA/TIA 606) - Wiring Systems Administration
- f) CAN/CSA-T527 (EIA/TIA 607) - Telecommunications Pathways and Spaces
- d) CAN/CSA-T527 (EIA/TIA 607) - Commercial Building Grounding /Bonding /Requirement Standards
- e) EIA/TIA, IEEE, FCC Standards - Data System Performance Standards
- f) IEEE Standard 1100 - Powering and Grounding Sensitive Electronic Equipment

The guidelines are:

1. Supply and installation of all communication cables and associated termination components in accordance with the standards mentioned above. There are no differences in the cabling or connectors between data and telephone as standard used will be UTP CAT6E Plenum cable and RJ45 connector for CAT6E.
2. Ensure that internal cabling is kept clear of all power equipment and lighting fixtures as follows:
 - installation guidelines;
 - transformers up to 5 KVA 1m;
 - power lines (120v systems) 300mm;
 - fluorescent lighting 300mm;
 - power lines (600v systems) 1meter;
 - electrical motors -1 meter

3. Leave the main distribution frame copper ready to be terminated.
4. Identify all cables with numbered markers at both ends to as built drawings for record purposes.
5. Contractor will test for continuity, pair placement, pair reversal and incorrectly terminated cables, which will be verified and accepted by the Government.
6. Contractor will test and provide results for each pair according to:
 - Wire map;
 - Length;
 - Propagation delay and skew;
 - NEXT and FEXT;
 - NEXT @ Remote;
 - Attenuation;
 - Resistance impedance;
 - Power sum and return loss testing for all pairs
7. Test all cabling to be in accordance with EIA/TIA 568A-TSB-67. Provide full test output in electronic (test-file) format using the latest version of application software (MS WORD, MS EXCEL, Adobe Acrobat, etc.) Also, provide test summary sheets on paper.
8. Complete layout documentation of all wire closets and the cross connect frame shall be provided to the design engineer upon substantial completion of the project,

Warranty:

The Installation Contractor shall support the above system for a period of two years from the date of acceptance by American Embassy Baghdad/RRT Erbil. The response time to troubleshoot and begin repairs of reported failures will be four (4) hours. If the failure is a result of installation and/or performance of structured cabling, the failure will be repaired within 24 hours from the time of the report. If the failure is not installation and/or performance of structured cabling, the Contractor shall contact the Responsible Representative of the RRT to confirm and get approval to proceed. The Contractor shall make the effort to coordinate and get approval to proceed prior to any visit to the Ankawa compound.

The work includes.

1. Telephone: The RRT will provide a telephone backboard at each location.
2. Horizontal cabling: Contractor will provide and install four CAT-6 UTP cable from the IDF box to each room or location in raceway as home runs noted on attachment A without any splices.
3. Contractor will provide six or 110 block on the backboard for cross connects with wiring coming into the building.
4. The telephone wiring cross connects will be made by the government.

5. Contractor will provide and design all pathways to accommodate additional and diverse telecommunications requirements from the backboard to each outlet.
6. Work area Cat 6 cables must be terminated on industry standard eight pin modular Cat 6, unkeyed, RJ-45 jacks pinned to ANSI/EIA 568A standard.
7. Contractor shall provide and terminate at each drop three RJ-45 jacks, and Cat 6 UTP cable: one for telephone (blue), one for data (yellow) and one spare (green)
8. The telephone cable will terminate on the 110 or bix block on the backboard.
9. Contactor shall label all cabling and receptacle boxes as set forth in EIA standard 606 and do end to end testing (as noted in #6 above).
10. Data: The contractor will provide and install next to the backboard a standard black 19 inch wide (10-12 “U” tall) wall mounted telecom-munications rack (with exhaust fan and locking front door) to house a rack mounted UPS, two 24/48 port patch panels and a Cisco switch.
11. The UPS, patch panels and Cisco switch will be GFE.
12. Contractor will provide and install fiber optic jumper cables between the FO distribution panel and the switch as outlined in the building drawing.
13. Tests must ensure that the measure link loss for each strand does not exceed the “worst case” allowable loss defined as the sum of the connector loss (based on the number of mated connector pairs at the EIA/TIA-568-B maximum allowable loss of 0.75 dB per mater pair).
14. At completion of the project, contractor will ensure that all holes they made in the building are patched and the area painted to match to original colors, excess materials are removed, and the work area returned to its original state.

E. Closeout

1. At completion of work, the Contractor shall clean any impacted areas to a condition equal to original condition.
2. All shipping materials and construction debris are to be disposed of in a legal manner outside of the Compound.
3. Prior to Final Acceptance the Contractor shall submit to the Contracting Officer Representative marked up drawings (As-Built) reflect the work as constructed. The drawings shall be digitally submitted on a CD-ROM in both AutoCAD and PDF format.

SAFETY (FAR 52.236-13 Accident Prevention.)

1. The Contractor shall provide and maintain work environments and procedures which will:
 - (a) Safeguard the public and Government personnel, property, materials, supplies, and equipment exposed to Contractor operations and activities.
 - (b) Avoid interruptions of Government operations and delays in project completion dates.
 - (c) Control costs in the performance of this contract.
2. For these purposes on contracts for construction or dismantling, demolition, or removal of improvements, the Contractor shall-
 - (a) Provide appropriate safety barricades, signs, and signal lights
 - (b) Comply with the standards issued by the Secretary of Labor at 29 CFR part 1926 and 29 CFR part 1910
 - (c) Ensure that any additional measures the Contracting Officer determines to be reasonably necessary for the purposes are taken.
3. Contractor shall comply with all pertinent provisions of the latest version of U.S. Army Corps of Engineers Safety and Health Requirements Manual, EM 385-1-1, in effect on the date of the solicitation.
4. Whenever the Contracting Officer becomes aware of any noncompliance with these requirements or any condition which poses a serious or imminent danger to the health or safety of the public or Government personnel, the Contracting Officer shall notify the Contractor orally, with written confirmation, and request immediate initiation of corrective action.
 This notice, when delivered to the Contractor or the Contractor's representative at the work site, shall be deemed sufficient notice of the noncompliance and that corrective action is required. After receiving the notice, the Contractor shall immediately take corrective action.
 If the Contractor fails or refuses to promptly take corrective action, the Contracting Officer may issue an order stopping all or part of the work until satisfactory corrective action has been taken. The Contractor shall not be entitled to any equitable adjustment of the contract price or extension of the performance schedule on any stop work order issued under this clause.
5. The Contractor shall insert this clause, including this paragraph (e), with appropriate changes in the designation of the parties, in subcontracts

5. PROJECT SCHEDULE**Approximate dates of pre-award activities - reserved****Construction Milestones, from Notice to Proceed**

Notice to Proceed (NTP)	0	Days from NTP
Project Schedule to OBO	5	
Project Design Notes / Sketches	10	
FAC Review	20	
Procurement, Shipping	25	
Fabrication	35	
Construction Completion	50	

Project Acceptance

60

Deliverables - See Section F.11**Commencement, Prosecution, and Completion of Work - See Section F.2****6. RESPONSIBILITIES AND PROJECT MANAGEMENT**

1. **COR.** A Contracting Officers Representative (COR) will be assigned to ensure quality assurance goals are met. The Contractor shall provide the COR access to the site at all times.
2. **Point of Contact.** The COR shall be the main point of contact for this Project. The Contractor shall report to the COR on (a) status of the Project, (b) changes in Schedule, (c) accidents and safety issues, (d) disruptions to elevator or utility services; and all other important information pertaining to the Project
3. **English Speaking Representative.** The Contractor shall provide an English-speaking representative on-site during all working hours with the authority to make all decisions on behalf of the Contractor and subcontractors.
4. **Management Personnel.** The Contractor shall staff the site, full-time, with a competent senior manager who shall perform project management. Remote project management is not an option. This individual shall keep a detailed photographic and written history of the project and shall update the Government weekly.
5. **Site Security.** The Contractor is responsible for on-site security as necessary to ensure no unauthorized access to their work sites. The Contractor is 100% responsible for securing their working materials and equipment. Any damage to facilities or infrastructure, which happens due to a lack of security, will be the responsibility of the Contractor to correct.
6. **Contractor's Temporary Work Center.** The Contractor will be permitted to use a designated area within the contract limits for operation of his construction equipment and office if warranted. If directed by the Contracting Officer, the Contractor shall not receive additional compensation to relocate his operations. The Contractor is responsible for obtaining any required additional mobilization area above that designated. On completion of the contract, all facilities shall be removed from the mobilization area within 5 days of final acceptance by the Contractor and shall be disposed of in accordance with applicable host government laws and regulations. The site shall be cleared of construction debris and other materials and the area restored to its final grade. The Contractor is responsible for maintaining this area in a clear orderly manner.
7. **Health and Safety.** The Contractor shall be solely responsible for risk assessments, managing health, and safety issues associated with this project. The Contractor must provide cold water to all workers at the job sites. Based on hazard assessments, Contractors shall provide or afford each affected employee personal protective equipment (PPE) that will protect the employee from hazards. At a minimum PPE shall consist of eye protection, hard hats, and closed toe shoes. If the workers arrive on-site with sandals or athletic shoes, the Contractor is expected to provide rubber boots to them or send them home. All construction workers and management personnel must wear hard hats at all times on the construction sites. Contractor provided rubber boots and rubber gloves shall be

worn when working around concrete placement. Other PPE such as gloves, dust masks, air respirators (sewage work) are also recommended. These items must be provided at the Contractor's expense. Workers may use discretion if they feel unsafe in using the equipment in a hostile environment. Any worker at an elevated location above 4 meters, with the exception of a portable ladder, must be provided and utilize a safety harness.

ATTACHMENT #4

TASK ORDER # 3

STATEMENT of WORK

**For-S-039
(Residence)**

General Construction SERVICES

For

**RENOVATION (MAKE READY) OF COMPOUND
HOUSING TO MEET INTERNATIONAL BUILDING
AND SAFETY CODES.**

**U.S. EMBASSY
Erbil, IRAQ**

June 19, 2011

revision 1

TABLE OF CONTENTS

1. Project Description
2. General Conditions
3. Bid Form
4. Statement Of Work
5. Project Schedule
6. Responsibilities & Project Management

1.0 PROJECT DESCRIPTION

PROJECT SYNOPSIS

The project is described as “Renovation of Property Number: S-039 (Residence) at the RRT US Regional Reconstruction Team, Erbil, Iraq.

The Contractor should furnish all necessary materials, labor, transportation, equipments, investigation and supervision, etc. Work will performed within in fixed-price contract.

BACKGROUND

At present the Residence S-039 does not meet US life safety, comfort nor security standards. The Residence must be upgrade to address various things such as wiring, windows, plumbing, electrical, mechanical and security concerns.

SOLUTION

Improve life safety conditions by replacing electrical internal panel, and installing Ground Fault Circuit (GFI) for all areas as required. Install additional circuits as necessary. Upgrade office condition by installing a small kitchenette, bathroom surfaces and fixtures. Upgrading the electrical system by changing the internal panel with a molded panel; make sure all the power outlets and equipments are grounded. Put all the wires and cables in conduit and using a water proof cover for all outdoor power outlets. Paint the exterior and interior.

2.0 GENERAL CONDITIONS

1. **Fixed-Price Proposal.** The Contractor shall provide one fixed-priced Proposal for the complete Project that includes every aspect of the Work.

2. **Specifications.** The Work shall be governed by the US Regional Reconstruction Team Compound, Erbil, Iraq. International Codes, which includes the National Fire Prevention Association (NFPA), International Building Code, International Mechanical Code, International Plumbing Code, and National Electric Code (NEC), also are applicable. Should there be a discrepancy between the RRT Specifications and the applicable Building Code, the more stringent of the two shall govern.

The Contractor is responsible for compliance with all Building Codes; Work not in compliance with the Codes shall be deemed to be unacceptable.

3. **Execution.** The Work shall be executed in a diligent and workmanlike manner in accordance with the negotiated fixed-price, this Statement Of Work, the Project Schedule, International Building Codes, and the laws of the City of Erbil where applicable.
4. **Work Hours.** Unless otherwise agreed with COR or the Facility Manager, the Work shall be executed during normal Embassy work hours. Night, weekend or holiday work shall not be permitted except as arranged in advance with Facilities Management and COR. Embassy holiday schedule is available from Facilities Management or COR.
5. **Safety.** The Contractor shall be responsible for conducting the work in a manner that ensures the safety of residents, employees and visitors to the Embassy, and the Contractor's employees.
6. **Workforce.** The contractor shall provide all supervision, skilled and unskilled labor needed to perform the work. The contractor shall comply with embassy security policy by providing embassy approved escorts. Contractor provided escorts shall be in quantity sufficient to comply with RSO escort ratios for number of workers on the project. The contractor shall prepare requests to RSO for vetting of employees to get escort badges. The Contractor or government may request for workers to be badge for unescorted Embassy access by going through RSO vetting process.
7. **Subcontractors.** Contractor shall be responsible for the conduct and workmanship of Subcontractors engaged in the Project, and for Subcontractors compliance with the terms of this Statement of Work. The Contractor is responsible for the behavior and workmanship of Subcontractors while on RRT property.
8. **Modification to Contract.** The Contractor shall not incur any costs beyond those described in this SOW unless directed otherwise in writing by the Contracting Officer. Any work performed by the Contractor beyond this SOW without written direction from the Contracting Officer will be at the Contractor's own risk and at no cost to the RRT.
9. **Stop Work.** At any time during the Project, the Contracting Officer reserves the right to Stop Work for protection of employees or visitors, security, or any other reason at his/her discretion.
10. **Submittals.** The contractor is responsible to submit shop drawings prior to fabrication and release of any materials for the Facility Manager and COR Review and approval. The Facility Manager review, however, does not relieve of the contractor's responsibility for the engineering work as to provide a complete working system.

11. **Excavation and Utilities.** The contractor is responsible to locate all existing utility lines prior to any excavation. Prior to disconnecting any existing utility services, the contractor is responsible to provide 48-hour advance notice to the COR.
12. **Close-out.** Prior to final acceptance, the contractor is to submit to the COR marked up drawings (As-Built) reflecting the work as constructed? The drawings shall be digitally submitted on a CD-ROM in both AutoCAD and PDF format.
13. **Housekeeping.** The contractor is responsible to clean up daily after working hours.

3.0 BID FORM

Construction Cost Breakdown: S-039-Residence, Erbil, Iraq

Building Number; S-039

No	Descriptions	Unit	Qty	Unit Price \$	Total Price \$
1	Administration				
A	Mobilization / Demobilization	LS	1		
B	Submittals – product data & shop drawings	LS	1		
	Administration			Sub-Total	
2	Construction Work				
A	INTERIOR AND EXTERIOR INTERIOR AND EXTERIOR REMODELING	LS	1		
B	Mechanical-Plumbing	LS	1		
C	Electrical	LS	1		
D	Voice and Data Cabling	LS	1		
E	Close-out	LS	1		
	Construction			Sub-Total	
3	DBA Insurance				
A	Contractor shall cover each of its workers at the site with DBA Workers' Compensation coverage, and require its subcontractors to do the same. Contractor must furnish certificate evidencing this coverage to Engineer prior to starting work.	LS	1		
	DBA Insurance			Sub-Total	
	Items 1 thru 3			Sub-Total	
				G & A	
				Sub-Total	
				Profit	
4	Basic Bid -			Contract Cost	
A	Bid -			Contract Cost	

4.0 Statement of work:

Renovation of Property Number: S-039 (Residence) "Make Ready" the contractor shall be providing all materials, tools and equipments, labors, transportation, and supervision.

General Requirements

- a. Within 5 days of Notice to Proceed, the contractor shall provide to the COR a project schedule showing start to completion including significant milestones.
- b. Within 10 days of Notice to Proceed “NTP”, the Contractor shall provide to the COR details of the proposed installation utilizing written description or sketches or both.
- c. The contractor is responsible to dispose of the construction debris outside of the RRT Compound. Include, but not limited to soils, rock excavation, packing materials and scrap steel.
- d. The contractor is responsible to properly layout and prepare for the renovation based on locations provided by FAC.
- e. When pursuing the work, the contractor is to take extra care as not to damage existing structure.
- f. All construction work will be in conformance with the following Codes:
 - f1) International Building Code, 2003 Edition
 - f2) International Plumbing Code, 2003 Edition
 - f3) International Mechanical Code, 2003 Edition
 - f4) International Fire Code, 2003 Edition
 - f5) National Electric Code, 2009 Edition
 - f6) National Fire Protection Association, NFPA 101 & NFPA 58
 - f7) ICC/ANSI A117.1-98 Accessible and Usable Buildings and Facilities

A. INTERIOR AND EXTERIOR INTERIOR AND EXTERIOR REMODELING

General Notes for the Building:

1. Clean and polish all floor tiles (interior and exterior) to original condition. Removing all plaster and other materials. Level interior floors as needed.
2. Provide and install vertical blinds for all windows. Provide sample of similar Blinds for approval. Currently there are no blinds on the windows.
3. Patch and Paint Interior walls, window frames. Color: Beige (flat).
4. Patch and Paint building Exterior walls. Color: Sand Brown (flat).
5. Patch and Paint Exterior Window frames, grills. Color: White (semi-gloss).
6. Patch and Paint all interior ceilings. Color: White (flat).
7. Patch and Paint perimeter wall. Color: Sand Brown (flat).

8. Remove/reinstall, Patch/sand, Paint, (install new hardware -handles, hinges, etc.) all interior doors.
Color: Light Brown (flat). If necessary replace interior doors.
9. Reduce the height of perimeter wall along the street leaving 40 cm from ground level. Patch top and street side of block wall for smooth surface and paint to match existing wall color-Sand Brown.
10. Provide and install block wall between residences #39 and #41 front yards 90 cm from ground level.
Patch top and sides of block wall for smooth surface and paint to match existing wall color-Sand Brown.
11. Reduce the height of the existing block wall between residences #39 and #41 side to 107 cm from ground level. Patch top and sides of block wall for smooth surface and paint to match existing wall Sand Brown.
12. Remove and discard entrance Gate.
13. Prior to painting and patching pressure wash exterior of building and the perimeter walls.
14. Repair and finish all interior and exterior walls prior to painting-filling cracks, removing nails from the wall.
15. Provide and replace all broken window glass. Clean all windows interior and exterior.
16. Provide and install new drain pipes on outside walls.
17. All exterior and interior electrical and plumbing to be run in conduit that is esthetic to the building.
18. Repair all broken concrete walkway.
19. Remove and discard all fans, wiring, and rebar on ceilings.
20. Remove and dispose of the barbed wire on walls.
21. Provide and install hand rails on the landings at 107cm (42inch) from the floor to top of handrail.
22. Provide and Install in the second floor bathroom the following bathroom fixtures: mirror above sink with the soap and tooth brush holder, towel bars (for sink and shower), toilet paper holder, shower curtain rod with the shower curtain, shower soap and shampoo holder/shelving, and handrail in the shower-as a safety item.
23. Provide and Install in the first floor bathroom (main) the following bathroom fixtures: mirror above sink with the soap and tooth brush holder, towel bars (for sink and shower), shower curtain rod with the shower curtain, shower soap and shampoo holder/shelving, and handrail in the shower-as a safety item
24. Provide and install on the first and second floors new Kitchen cabinets and sink similar to existing Residence #6.

25. Provide and install in the first and second floor Kitchens a 25cm exhaust fan with louvers in the wall and switch located below. Cut wall for installation.
26. Provide and install in the first and second floor bathrooms a 25cm exhaust fan with louvers in the wall and switch located next to the light switch. Cut wall for installation.
27. Remove and discard all existing outdoor awning structures.
28. Remove, dispose existing door and frame in front bedroom.
29. Provide and install new block wall to enclose the door in 27 above. Patch and paint to match new exterior/interior colors.
30. Second floor landing: Provide and install wall (Gypsum board and metal frame) floor to ceiling with door and frame to provide separate entrance to second floor. (See COR for placement).
31. Remove and discard all debris in and around the building and deposit off compound.
32. Provide and install a dropped ceiling in bedroom directly under the second floor Kitchen/Bathroom to provide room for the installation of P-traps and drains.
33. Inspect and replace outdoor manhole covers as needed.
34. Contractor must supply “cleared escorts” at all job sites.
35. Provide and install new PVC double pane low E windows with frames throughout house. (DOS Green Initiative, Energy Conservation). Discard existing windows and frames.
36. Install stairway to second floor balcony.

First Floor:**Entrance Door:**

1. Provide and install metal front door and frame, Turkish type with window. Similar to other installed door/frame on site. Contractor to dispose of exiting door and frame.

Kitchen (new):

1. Provide and install a new Kitchen with all new plumbing (drain, water pipes) and electrical. (See drawing for details)

Bathroom (Main):

1. Provide and install light fixtures with switch at doorway.
2. Provide and install new interior entrance door with hardware.

Bathroom (Small):

1. Provide and install new toilet and sink. Remove, discard existing toilet.
2. Provide and install new exhaust fan. Frame the existing window for exhaust fan.
3. Provide and install new window.
4. Provide and install new door and frame. Remove and dispose of existing door/frame.
5. Provide and install the following bathroom fixtures: mirror above sink with the soap and tooth brush holder and towel bar for sink.

Second Floor:**Kitchen (new):**

1. Provide and install a new Kitchen with all new plumbing (drain, water pipes) and electrical.
(See drawing for details)

Bathroom (new):

1. Provide and install a new Bathroom with all new plumbing (drain, water pipes) and electrical.
(See drawing for details)

Front Balcony:

1. Provide and install two (2) metal doors and frames with Turkish type. Window type off living room and non-window off bedroom. Similar to other installed door/frame on site. Contractor to dispose of exiting doors and frames.

Rear Balcony:

1. Provide and install metal door and frame, Turkish type non-window type as above.
Contractor to dispose of existing door and frame.
2. Provide and install a new water tank on the Balcony. Remove and discard the water tanks on the Roof.
3. Provide and install pressure pump at water tank to provide pressure to house. Recommended

pressure 2.75 – 3.45 bars.

Roof Top:

1. Install gate at bottom of stairs leading to roof for “Authorized Personnel Only.”

B. MECHANICAL WORK

1. Provide and install seven (7) new 24,000 Btu split system units with heat pump in seven (7) rooms. Do not run power cable and tubing through windows. Penetrate wall for tubing and power cable. All condensers (outdoor) units on the first floor to be installed on ground level and those on the second floor on the roof or balcony. Provide Warranties. Return any existing units to Facilities Maintenance.
2. Provide and install new domestic water pressure pump system at city connection. Pump shall be 3/4 Hp and capable of providing appropriate water pressure to fill Roof Tank. Provide/replace piping as needed. Provide warranty and service period for the installed equipment.
3. Provide and install one new electric Hot Water Heater. Remove and discard existing HWH.
4. Provide and install P-traps on all drains except toilet.
5. Provide and install plumbing and electrical washer, dryer connections, water supply and drain on each floor. Dryer vent pipe to be made of metal with no more than two (2) 90° turns, to prevent clogging vent. Add mesh wire on the end of ventilation pipe, to prevent rodents going into the vent. (See drawings for location).
6. Provide and install steel pipe for gas connection from source to flexible tubing between stove and steel pipe on first and second floor kitchens.
7. Provide and install new hoses on all propane tanks with metal tubing or metal wrapped hoses and install cut off valves both at the appliance and outside at the tank. (NFPA 10).
8. Remove, discard and seal first floor hallway plumbing pipes.
9. Add Washer and Dryer connections.

C. ELECTRICAL WORK

1. Upgrade the new service entrance 3 phase panel to 200amps; establish a ground from panel to two ground rods (the ground rods must meet local codes) 3 meters long and spaced not less than 1.8M apart). Connect 35mm sq copper wires from each ground rod to main circuit breaker Panel. Impedance of ground path for any electrodes may not exceed 25 ohms.
2. The service entrance panel to be rated, weather proof, 200Amps, 400Volts, 3-Phase) with 200Amps main

-
- circuit breaker and 32 breaker positions (Single pole breakers).
3. Connect service from MOE grid to new service panel.
 4. Provide and install all circuit breakers with a ground.
 5. Ground fault circuit interrupters (GFCI's) shall provide for all receptacles in wet locations to include kitchenette and bathrooms. The GFI should trip at 10MAmps or less. Test all installed GFCI for their accurate reaction.
 6. Location of new circuit breaker panel to be determined by COR. All circuit breakers shall be labeled in English and local language as to what provide panel board schedule and place on inside of panel door.
 7. All circuits inside the house shall be in EMT conduit or similar.
 8. All outdoor receptacles shall be GFCI and installed in weatherproof box with cover.
 9. Provide and install weatherproof outdoor lights where existing lights are presently installed. Remove and dispose of existing lighting fixtures.
 10. Remove and dispose all unused wires, cables and panels. Repair any damage caused by work performed. Clean all work areas.
 11. Provide and install new wiring throughout the building. The wiring to be THHN/THWN insulated, 600Volts rated equal to NEC #12. Remove and dispose of all replaced wiring.
 12. Conduit runs shall contain no more than four quarter turns (90 degree bends) between pull boxes (NEC).
 13. Conduits and Protection: All wiring and cabling shall be installed in metal conduit or raceway.
 14. Provide and install an electrical outlet along all Interior walls 3 meters apart in each room.
 15. Provide and install AC outlet on exterior wall on the top of the outdoor unit.
 16. Provide and install new ceiling fans with Rheostat switches near light switch in all living rooms, bedrooms, and kitchens.
 17. Provide and install new Fluorescent lighting fixtures (not long tubes) with covers on each wall with switches located at the entrances of all rooms. Remove and dispose of all existing lighting fixtures.
 18. At the first landing between the two stairways and at the top landing provide and install fluorescent lights with cover. Provide and install a 2-way switch at the bottom floor and the top floor of the stairway.

19. Provide and install one (1) outdoor weatherproof electrical receptacle on the wall at the ground floor entrance. (The receptacles should be supplied power through the wall of the room they are attached to).
20. Provide and install one (1) outdoor weatherproof electrical receptacle on the wall of the second floor street balcony. (The receptacle should be supplied power through the wall of the room they are attached to.)
21. Provide and install GFI electrical outlet in Bathrooms to include one for the newly installed exhaust fan. Exhaust fan to be on separate switch at door next to light switch.
22. Provide and install outdoor lights at the entrance and second floor balconies (front and rear) with switches on interior side of door way.
23. Provide and install new electrical receptacle at the roof top water tank for the new water pressure pump.
24. Replace internal sub panel/s with hard PVC type material.

D. Installation of Voice and Data Cable Network

The vendor will provide a quotation for the installation of data and telephone cabling at the RRT compound in Erbil in accordance with the following standards:

Definitions:

- **Entrance Facilities:** where the building interfaces with the outside world.
- **Equipment Rooms:** host equipment which serve users inside the building
- **Backbone Cabling:** connection between the entrance facilities, equipment rooms and telecommunications rooms.
- **Government Furnished Equipment (GFE):** Materials and equipment provided by the U.S. Government to be installed by the Contractor.
- **Structured cabling:** design and installation is governed by a set of standards that specify wiring data centers and offices, for data or voice communications using category 6 cables (CAT6E) and modular sockets. These standards define how to configure and install the cabling in a star formation such that all outlets terminate at a central wall-mounted patch panel from where it can be determined exactly how these connections will be used. Each outlet can be 'patched' into a data network switch (ordinarily wall mounted alongside) or patched into a 'telecoms patch panel' which forms the bridge into a private branch exchange (PBX) telephone system thus making the connection a voice port.
- **Telephone/data:** outlet boxes shall be single gang, vertically mounted electrical boxes. Outlet boxes shall be flush-mounted whenever possible. Outlet box faceplates and telephone / data jacks shall be supplied and

installed by the Cabling Contractor. The Contractor will provide as built drawing(s) showing location and deviation from standard vertical, flush mount.

Codes And Standards:

- g) CAN/CSA-T529 (EIA/TIA568-A) - Electrical Installations
- h) CAN/CSA-T528 (EIA/TIA 606) - Wiring Systems Administration
- i) CAN/CSA-T527 (EIA/TIA 607) - Telecommunications Pathways and Spaces
- d) CAN/CSA-T527 (EIA/TIA 607) - Commercial Building Grounding /Bonding /Requirement Standards
- e) EIA/TIA, IEEE, FCC Standards - Data System Performance Standards
- f) IEEE Standard 1100 - Powering and Grounding Sensitive Electronic Equipment

The Guidelines are:

1. Supply and installation of all communication cables and associated termination components in accordance with the standards mentioned above. There are no differences in the cabling or connectors between data and telephone as standard used will be UTP CAT6E Plenum cable and RJ45 connector for CAT6E.
2. Ensure that internal cabling is kept clear of all power equipment and lighting fixtures as follows:
 - installation guidelines;
 - transformers up to 5 KVA 1m;
 - power lines (120v systems) 300mm;
 - fluorescent lighting 300mm;
 - power lines (600v systems) 1meter;
 - electrical motors -1 meter
3. Leave the main distribution frame copper ready to be terminated.
4. Identify all cables with numbered markers at both ends to as built drawings for record purposes.
5. Contractor will test for continuity, pair placement, pair reversal and incorrectly terminated cables, which will be verified and accepted by the Government.
6. Contractor will test and provide results for each pair according to:
 - Wire map;

- Length;
 - Propagation delay and skew;
 - NEXT and FEXT;
 - NEXT @ Remote;
 - Attenuation;
 - Resistance impedance;
 - Power sum and return loss testing for all pairs
7. Test all cabling to be in accordance with EIA/TIA 568A-TSB-67. Provide full test output in electronic (test-file) format using the latest version of application software (MS WORD, MS EXCEL, Adobe Acrobat, etc.) Also, provide test summary sheets on paper.
8. Complete layout documentation of all wire closets and the cross connect frame shall be provided to the design engineer upon substantial completion of the project.

Warranty:

The Installation Contractor shall support the above system for a period of two years from the date of acceptance by American Embassy Baghdad/RRT Erbil. The response time to troubleshoot and begin repairs of reported failures will be four (4) hours. If the failure is a result of installation and/or performance of structured cabling, the failure will be repaired within 24 hours from the time of the report. If the failure is not installation and/or performance of structured cabling, the Contractor shall contact the Responsible Representative of the RRT to confirm and get approval to proceed. The Contractor shall make the effort to coordinate and get approval to proceed prior to any visit to the Ankawa compound.

The work includes.

1. **Telephone:** The RRT will provide a telephone backboard at each location.
2. **Horizontal cabling:** Contractor will provide and install four CAT-6 UTP cable from the IDF box to each room or location in raceway as home runs noted on attachment A without any splices.
3. Contractor will provide six or 110 blocks on the backboard for cross connects with wiring coming into the building.
4. The telephone wiring cross connects will be made by the government.
5. Contractor will provide and design all pathways to accommodate additional and diverse telecommunications requirements from the backboard to each outlet.
6. Work area Cat 6 cables must be terminated on industry standard eight pin modular Cat 6, unkeyed, RJ-45 jacks pinned to ANSI/EIA 568A standard.
7. Contractor shall provide and terminate at each drop three RJ-45 jacks, and Cat 6 UTP cable: one for telephone (blue), one for data (yellow) and one spare (green)

8. The telephone cable will terminate on the 110 or bix block on the backboard.
9. Contactor shall label all cabling and receptacle boxes as set forth in EIA standard 606 and do end to end testing (as noted in #6 above).
10. Data: The contractor will provide and install next to the backboard a standard black 19 inch wide (10-12 "U" tall) wall mounted telecom-munications rack (with exhaust fan and locking front door) to house a rack mounted UPS, two 24/48 port patch panels and a Cisco switch.
11. The UPS, patch panels and Cisco switch will be GFE.
12. Contractor will provide and install fiber optic jumper cables between the FO distribution panel and the switch as outlined in the building drawing.
13. Tests must ensure that the measure link loss for each strand does not exceed the "worst case" allowable loss defined as the sum of the connector loss (based on the number of mated connector pairs at the EIA/TIA-568-B maximum allowable loss of 0.75 dB per mater pair).
14. At completion of the project, contractor will ensure that all holes they made in the building are patched and the area painted to match to original colors, excess materials are removed, and the work area returned to its original state.

E. Closeout

1. At completion of work, the Contractor shall clean any impacted areas to a condition equal to original condition.
2. All shipping materials and construction debris are to be disposed of in a legal manner outside of the Compound.
3. Prior to Final Acceptance the Contractor shall submit to the Contracting Officer Representative marked up drawings (As-Built) reflect the work as constructed. The drawings shall be digitally submitted on a CD-ROM in both AutoCAD and PDF format.

SAFETY (FAR 52.236-13 Accident Prevention.)

1. The Contractor shall provide and maintain work environments and procedures which will:
 - (a) Safeguard the public and Government personnel, property, materials, supplies, and equipment exposed to Contractor operations and activities.
 - (b) Avoid interruptions of Government operations and delays in project completion dates.
 - (c) Control costs in the performance of this contract.
2. For these purposes on contracts for construction or dismantling, demolition, or removal of improvements, the Contractor shall-

- (a) Provide appropriate safety barricades, signs, and signal lights
 - (b) Comply with the standards issued by the Secretary of Labor at 29 CFR part 1926 and 29 CFR part 1910
 - (c) Ensure that any additional measures the Contracting Officer determines to be reasonably necessary for the purposes are taken.
3. Contractor shall comply with all pertinent provisions of the latest version of U.S. Army Corps of Engineers Safety and Health Requirements Manual, EM 385-1-1, in effect on the date of the solicitation.
4. Whenever the Contracting Officer becomes aware of any noncompliance with these requirements or any condition which poses a serious or imminent danger to the health or safety of the public or Government personnel, the Contracting Officer shall notify the Contractor orally, with written confirmation, and request immediate initiation of corrective action.
 This notice, when delivered to the Contractor or the Contractor's representative at the work site, shall be deemed sufficient notice of the noncompliance and that corrective action is required. After receiving the notice, the Contractor shall immediately take corrective action.
 If the Contractor fails or refuses to promptly take corrective action, the Contracting Officer may issue an order stopping all or part of the work until satisfactory corrective action has been taken. The Contractor shall not be entitled to any equitable adjustment of the contract price or extension of the performance schedule on any stop work order issued under this clause.
5. The Contractor shall insert this clause, including this paragraph (e), with appropriate changes in the designation of the parties, in subcontracts

5.0 PROJECT SCHEDULE

Approximate dates of pre-award activities - reserved

Construction Milestones, from Notice to Proceed

Notice to Proceed (NTP)	0	Days from NTP
Project Schedule to OBO	5	
Project Design Notes / Sketches	10	
FAC Review	20	
Procurement, Shipping	25	
Fabrication	35	
Construction Completion	50	
Project Acceptance	60	

Deliverables - See Section F.11

Commencement, Prosecution, and Completion of Work - See Section F.2

6.0 RESPONSIBILITIES AND PROJECT MANAGEMENT

1. **COR.** A Contracting Officers Representative (COR) will be assigned to ensure quality assurance goals are met. The Contractor shall provide the COR access to the site at all times.

2. **Point of Contact.** The COR shall be the main point of contact for this Project. The Contractor shall report to the COR on (a) status of the Project, (b) changes in Schedule, (c) accidents and safety issues, (d) disruptions to elevator or utility services; and all other important information pertaining to the Project
3. **English Speaking Representative.** The Contractor shall provide an English-speaking representative on-site during all working hours with the authority to make all decisions on behalf of the Contractor and subcontractors.
4. **Management Personnel.** The Contractor shall staff the site, full-time, with a competent senior manager who shall perform project management. Remote project management is not an option. This individual shall keep a detailed photographic and written history of the project and shall update the Government weekly.
5. **Site Security.** The Contractor is responsible for on-site security as necessary to ensure no unauthorized access to their work sites. The Contractor is 100% responsible for securing their working materials and equipment. Any damage to facilities or infrastructure, which happens due to a lack of security, will be the responsibility of the Contractor to correct.
6. **Contractor's Temporary Work Center.** The Contractor will be permitted to use a designated area within the contract limits for operation of his construction equipment and office if warranted. If directed by the Contracting Officer, the Contractor shall not receive additional compensation to relocate his operations. The Contractor is responsible for obtaining any required additional mobilization area above that designated. On completion of the contract, all facilities shall be removed from the mobilization area within 5 days of final acceptance by the Contractor and shall be disposed of in accordance with applicable host government laws and regulations. The site shall be cleared of construction debris and other materials and the area restored to its final grade. The Contractor is responsible for maintaining this area in a clear orderly manner.
7. **Health and Safety.** The Contractor shall be solely responsible for risk assessments, managing health, and safety issues associated with this project. The Contractor must provide cold water to all workers at the job sites. Based on hazard assessments, Contractors shall provide or afford each affected employee personal protective equipment (PPE) that will protect the employee from hazards. At a minimum PPE shall consist of eye protection, hard hats, and closed toe shoes. If the workers arrive on-site with sandals or athletic shoes, the Contractor is expected to provide rubber boots to them or send them home. All construction workers and management personnel must wear hard hats at all times on the construction sites. Contractor provided rubber boots and rubber gloves shall be worn when working around concrete placement. Other PPE such as gloves, dust masks, air respirators (sewage work) are also recommended. These items must be provided at the Contractor's expense. Workers may use discretion if they feel unsafe in using the equipment in a hostile environment. Any worker at an elevated location above 4 meters, with the exception of a portable ladder, must be provided and utilize a safety harness.

ATTACHMENT #4

TASK ORDER # 4

STATEMENT of WORK

For-S-040
(Residence)

General Construction SERVICES

For

**RENOVATION (MAKE READY) OF COMPOUND
HOUSING TO MEET INTERNATIONAL BUILDING
AND SAFETY CODES.**

**U.S. EMBASSY
Erbil, IRAQ**

June 15, 2011
revision 1

TABLE OF CONTENTS

1.0	Project Description
2.0	General Conditions
3.0	Bid Form
4.0	Statement Of Work
5.0	Project Schedule
6.0	Responsibilities & Project Management

1.0 PROJECT DESCRIPTION

PROJECT SYNOPSIS

The project is described as “Renovation of Property Number: S-040 (Residence) at the RRT US Regional Reconstruction Team, Erbil, Iraq.

The Contractor should furnish all necessary materials, labor, transportation, equipments, investigation and supervision, etc. Work will performed within in fixed-price contract.

BACKGROUND

At present the Residence S-040 does not meet US life safety, comfort nor security standards. The Residence must be upgrade to address various things such as wiring, windows, plumbing, electrical, mechanical and security concerns.

SOLUTION

Improve life safety conditions by replacing electrical internal panel, and installing Ground Fault Circuit (GFI) for all areas as required. Install additional circuits as necessary. Upgrade office condition by installing a small kitchenette, bathroom surfaces and fixtures. Upgrading the electrical system by changing the internal panel with a molded panel; make sure all the power outlets and equipments are grounded. Put all the wires and cables in conduit and using a water proof cover for all outdoor power outlets. Paint the exterior and interior.

2.0 GENERAL CONDITIONS

1. **Fixed-Price Proposal.** The Contractor shall provide one fixed-priced Proposal for the complete Project that includes every aspect of the Work.
2. **Specifications.** The Work shall be governed by the US Regional Reconstruction Team Compound, Erbil, Iraq. International Codes, which includes the National Fire Prevention Association (NFPA),

International Building Code, International Mechanical Code, International Plumbing Code, and National Electric Code (NEC), also are applicable. Should there be a discrepancy between the RRT Specifications and the applicable Building Code, the more stringent of the two shall govern.

The Contractor is responsible for compliance with all Building Codes; Work not in compliance with the Codes shall be deemed to be unacceptable.

3. **Execution.** The Work shall be executed in a diligent and workmanlike manner in accordance with the negotiated fixed-price, this Statement Of Work, the Project Schedule, International Building Codes, and the laws of the City of Erbil where applicable.
4. **Work Hours.** Unless otherwise agreed with COR or the Facility Manager, the Work shall be executed during normal Embassy work hours. Night, weekend or holiday work shall not be permitted except as arranged in advance with Facilities Management and COR. Embassy holiday schedule is available from Facilities Management or COR.
5. **Safety.** The Contractor shall be responsible for conducting the work in a manner that ensures the safety of residents, employees and visitors to the Embassy, and the Contractor's employees.
6. **Workforce.** The contractor shall provide all supervision, skilled and unskilled labor needed to perform the work. The contractor shall comply with embassy security policy by providing embassy approved escorts. Contractor provided escorts shall be in quantity sufficient to comply with RSO escort ratios for number of workers on the project. The contractor shall prepare requests to RSO for vetting of employees to get escort badges. The Contractor or government may request for workers to be badge for unescorted Embassy access by going through RSO vetting process.
7. **Subcontractors.** Contractor shall be responsible for the conduct and workmanship of Subcontractors engaged in the Project, and for Subcontractors compliance with the terms of this Statement of Work. The Contractor is responsible for the behavior and workmanship of Subcontractors while on RRT property.
8. **Modification to Contract.** The Contractor shall not incur any costs beyond those described in this SOW unless directed otherwise in writing by the Contracting Officer. Any work performed by the Contractor beyond this SOW without written direction from the Contracting Officer will be at the Contractor's own risk and at no cost to the RRT.
9. **Stop Work.** At any time during the Project, the Contracting Officer reserves the right to Stop Work for protection of employees or visitors, security, or any other reason at his/her discretion.
10. **Submittals.** The contractor is responsible to submit shop drawings prior to fabrication and release of any materials for the Facility Manager and COR Review and approval. The Facility Manager review, however, does not relieve of the contractor's responsibility for the engineering work as to provide a complete working system.
11. **Excavation and Utilities.** The contractor is responsible to locate all existing utility lines prior to any excavation. Prior to disconnecting any existing utility services, the contractor is responsible to provide 48-hour advance notice to the COR.

12. **Close-out.** Prior to final acceptance, the contractor is to submit to the COR marked up drawings (As-Built) reflecting the work as constructed? The drawings shall be digitally submitted on a CD-ROM in both AutoCAD and PDF format.

13. **Housekeeping.** The contractor is responsible to clean up daily after working hours.

3.0 BID FORM

Construction Cost Breakdown: S-040-Residence, Erbil, Iraq

Building Number; S-040

No	Descriptions	Unit	Qty	Unit Price \$	Total Price \$
1	Administration				
A	Mobilization / Demobilization	LS	1		
B	Submittals – product data & shop drawings	LS	1		
	Administration			Sub-Total	
2	Construction Work				
A	INTERIOR AND EXTERIOR INTERIOR AND EXTERIOR REMODELING	LS	1		
B	Mechanical-Plumbing	LS	1		
C	Electrical	LS	1		
D	Voice and Data Cabling	LS	1		
E	Close-out	LS	1		
	Construction			Sub-Total	
3	DBA Insurance				
A	Contractor shall cover each of its workers at the site with DBA Workers' Compensation coverage, and require its subcontractors to do the same. Contractor must furnish certificate evidencing this coverage to Engineer prior to starting work.	LS	1		
	DBA Insurance			Sub-Total	
	Items 1 thru 3			Sub-Total	
				G & A	
				Sub-Total	
				Profit	
4	Basic Bid -			Contract Cost	
A	Bid -			Contract Cost	

4.0 Statement of Work:

Renovation of Property Number: S-040 (Residence) “Make Ready” the contractor shall be providing all materials, tools and equipments, labors, transportation, and supervision.

1. General Requirements

- a. Within 5 days of Notice to Proceed, the contractor shall provide to the COR a project schedule showing start to completion including significant milestones.
- b. Within 10 days of Notice to Proceed “NTP”, the Contractor shall provide to the COR details of the proposed installation utilizing written description or sketches or both.
- c. The contractor is responsible to dispose of the construction debris outside of the RRT Compound. Include, but not limited to soils, rock excavation, packing materials and scrap steel.
- d. The contractor is responsible to properly layout and prepare for the renovation based on locations provided by FAC.
- e. When pursuing the work, the contractor is to take extra care as not to damage existing structure.
- f. All construction work will be in conformance with the following Codes:
 - f1) International Building Code, 2003 Edition
 - f2) International Plumbing Code, 2003 Edition
 - f3) International Mechanical Code, 2003 Edition
 - f4) International Fire Code, 2003 Edition
 - f5) National Electric Code, 2009 Edition
 - f6) National Fire Protection Association, NFPA 101 & NFPA 58
 - f7) ICC/ANSI A117.1-98 Accessible and Usable Buildings and Facilities

A. INTERIOR AND EXTERIOR INTERIOR AND EXTERIOR REMODELING**General Notes for the Building:**

1. Clean and polish all floor tiles (interior and exterior) to original condition. Removing all plaster and other materials. Level interior floors as needed.
2. Provide and install vertical blinds for all windows. Provide sample of similar Blinds for approval. Currently there are no blinds on the windows.
3. Patch and Paint Interior walls. Color: Beige (flat).
4. Patch and Paint building Exterior walls. Color: Sand Brown (flat).
5. Patch and Paint Exterior Window grills where necessary. Color: White (semi-gloss).

6. Patch and Paint all interior ceilings. Color: White (flat).
7. Patch and Paint perimeter wall. Color: Sand Brown (flat).
8. Provide and install new interior doors and frames to all rooms. Discard existing doors and frames.
9. Reduce the height of perimeter wall along the street leaving 40 cm from ground level. Patch top and street side of block wall for smooth surface and paint to match existing wall. Do not reduce the wall on the side of the house of this end unit. Color: Sand Brown.
10. Reduce the height of the existing block wall between residences #40 and #41 side to 107 cm from ground level. Patch top and sides of block wall for smooth surface and paint to match existing wall Sand Brown.
11. Remove and discard the metal frame and barbed wire on the wall beside the house.
12. Remove and discard entrance Gate.
13. Prior to painting and patching pressure wash exterior of building and the perimeter walls.
14. Repair and finish all interior and exterior walls prior to painting-filling cracks, removing Nails, etc. from the walls.
15. Provide and install new drain pipes on outside walls.
16. All exterior and interior electrical and plumbing to be run in conduit that is esthetic to the building.
17. Repair all broken concrete walkway.
18. Remove and discard all fans, wiring, and rebar on ceilings.
19. Remove and dispose all barbed wire on and around house and walls.
20. Provide and Install on the first floor bathroom, shower, sink, toilet and the following bathroom fixtures: mirror above sink with the soap and tooth brush holder, towel bars (for sink and shower), toilet paper holder, shower curtain rod with the shower curtain, shower soap and shampoo holder/shelving, and handrail in the shower-as a safety item.
21. Provide and install on the first floor new Kitchen cabinets and sink similar to existing Residence #6.
22. Provide and install in the Kitchen a 25cm exhaust fan with louvers in the wall and switch located below the fan. Cut wall for installation.

23. Provide and install in the first floor bathroom a 25cm exhaust fan with louvers in the wall with switch located next to the light switch. Cut wall for installation.
24. Remove and discard all existing outdoor awning structures.
25. Remove and discard all debris in/on and around the building.
26. Inspect and replace outdoor manhole covers as needed.
27. Remove and discard sink and pipes at the bottom of the steps.
28. Block all HVAC outlet grills in all rooms.
29. Provide and install new PVC double pane low E windows with frames throughout house. (DOS Green Initiative, Energy Conservation). Discard existing windows and frames.
30. Contractor must supply “cleared escorts” at all job sites.

First Floor:**Entrance Doors (4 each):**

1. Provide and install metal doors and frames, Turkish type with window at each entrance (4 each). Similar to other installed door/frame on site. Dispose of existing metal/wood doors and frames.

Living Room:

1. Remove and discard temporary wall to rear door. Patch and match existing wall.

Hallway:

1. Remove and discard two (2) doors and frames. (Do not replace these door/frames)
Patch and match existing wall.
2. Remove and discard temporary wall and door to dining room in hallway.

Kitchen (new):

1. Provide and install a new Kitchen with all new plumbing (drain, water pipes) and electrical. (See drawing for details).
2. Remove wall paper and match existing walls.
3. Provide and install grout on tiles. Repair tiles as necessary.

Bathroom:

1. Provide and install light fixtures with switch at doorway.
2. Install new Bathroom. (See drawing for details).

Second Floor:**Bathrooms:**

1. One-half floor below 2nd floor: Provide and Install new shower and sink and the following bathroom fixtures: mirror above sink with the soap and tooth brush holder, towel bars (for sink and shower), toilet paper holder, shower curtain rod with the shower curtain, shower soap and shampoo holder/shelving, and handrail in the shower-as a safety item.
2. Provide and install a 25cm exhaust fan with louvers with switch located at door entrance. Eliminate window for fan.
3. One-half floor above 2nd floor: Provide and Install new toilet and sink and the following bathroom fixtures: mirror above sink with the soap and tooth brush holder, towel bar for sink, toilet paper holder.
4. Provide and install a 25cm exhaust fan with louvers with switch located at door entrance. Eliminate window for fan.

Stairway from 2nd floor to 3rd floor:

1. Provide and install where necessary hardware to raise stairway handrail to 90 cm (36”) and the landing handrail to 107 cm (42”).

Lower Balcony doors (off bedrooms):

1. Provide and install two (2) metal doors without windows and frames with Turkish type. Similar to other installed door/frame on site. Remove and dispose of exiting doors and frames.
2. Remove and discard the HVAC hood and cover opening in floor with metal cover for safety.
3. Remove and discard the satellite dish, wires and pipes.

Upper Balcony (top of stairs):

1. Provide and install a new water tank on the Upper Balcony. Remove and discard the water tanks on the Roof.

2. Provide and install pressure pump at water tank to provide pressure to house. Recommended pressure 2.75 – 3.45 bars.
3. Repair broken balcony wall, patch all wall areas to match existing wall.
4. Remove and discard all non essential wires and poles.
5. Remove and discard the pieces of glass (security) on the top of the wall.

B. MECHANICAL WORK

1. Provide and install seven (7) new 24,000 Btu split system units with heat pump in seven (7) Rooms (living, dining, kitchen, 3-bedrooms, top stairway landing). Do not run power cable and tubing through windows. Penetrate wall for tubing and power cable. All condensers (outdoor) units on the first floor to be installed on ground level and those on the second floor on the roof or balcony. Provide Warranties.
2. Provide and install new domestic water pressure pump system at city connection. Pump shall be 3/4 Hp and capable of providing appropriate water pressure to fill Roof Tank. Provide/replace piping as needed. Provide warranty and service period for the installed equipment.
3. Provide and install one new electric Hot Water Heater. Remove and discard existing HWH's.
4. Provide and install P-traps on all drains except toilet.
5. Provide and install plumbing and electrical washer, dryer connections, water supply and drain on each floor. Dryer vent pipe to be made of metal with no more than two (2) 90° turns, to prevent clogging vent. Add mesh wire on the end of ventilation pipe, to prevent rodents going into the vent. (See drawings for location).
6. Provide and install steel pipe for gas connection from source to flexible tubing between stove and steel pipe on first and second floor kitchens.
7. Provide and install new hoses on all propane tanks with metal tubing or metal wrapped hoses and install cut off valves both at the appliance and outside at the tank. (NFPA 10).
8. Install Washer and Dryer connections.

C. ELECTRICAL WORK

1. Upgrade the new service entrance 3 phase panel to 200amps; establish a ground from panel to two ground rods (the ground rods must meet local codes) 3 meters long and spaced not less than 1.8M apart). Connect 35mm sq copper wires from each ground rod to main circuit breaker Panel. Impedance of ground path for any electrodes may not exceed 25 ohms.
2. The service entrance panel to be rated, weather proof, 200Amps, 400Volts, 3-Phase) with 200Amps main circuit breaker and 32 breaker positions (Single pole breakers).
3. Connect service from MOE grid to new service panel.
4. Provide and install all circuit breakers with a ground.
5. Ground fault circuit interrupters (GFCI's) shall provide for all receptacles in wet locations to include kitchenette and bathrooms. The GFI should trip at 10MAmps or less. Test all installed GFCI for their accurate reaction.
6. Location of new circuit breaker panel to be determined by COR. All circuit breakers shall be labeled in English and local language as to what provide panel board schedule and place on inside of panel door.
7. All circuits inside the house shall be in EMT conduit or similar.
8. All outdoor receptacles shall be GFCI and installed in weatherproof box with cover.
9. Provide and install weatherproof outdoor lights where existing lights are presently installed. Remove and dispose of existing lighting fixtures. Ground floor entrance and the upper balcony switch to be installed on the interior of the door. The lower balcony switch to be installed on the exterior wall near the two doors.
10. Remove and dispose all unused wires, cables and panels. Repair any damage caused by work performed. Clean all work areas.
11. Provide and install new wiring throughout the building. The wiring to be THHN/THWN insulated, 600Volts rated equal to NEC #12. Remove and dispose of all replaced wiring.
12. Conduit runs shall contain no more than four quarter turns (90 degree bends) between pull boxes (NEC).
13. Conduits and Protection: All wiring and cabling shall be installed in metal conduit or raceway.

14. Provide and install an electrical outlet along all Interior walls 3 meters apart in each room.
15. Provide and install AC outlet on exterior wall near the outdoor unit connection.
16. Provide and install new ceiling fans with Rheostat switches near light switch in living room, bedrooms, and kitchen.
17. Provide and install new Fluorescent lighting fixtures with covers on each wall with switches located at the entrances of all rooms. Remove and dispose of all existing lighting fixtures.
18. At the first and second landings between the first and second floors install a fluorescent light with cover. Provide and install a 2-way switch at the first floor and the second floor of the stairway.
19. At the first and second landings between the second and third floors install a fluorescent light with cover. Provide and install a 2-way switch at the second floor and the third floor of the stairway.
20. Provide and install one (1) outdoor weatherproof electrical receptacle on the wall at the Ground floor main entrance and the lower and upper balconies.
21. Provide and install new electrical receptacle with disconnect switch at the upper balcony water tank for the new water pressure pump.
22. Provide and install new receptacle with disconnect switch at the water heater location.
23. Provide and install internal sub panel/s with hard PVC type material. Discard existing panel.

D. Installation of Voice and Data Cable Network

The vendor will provide a quotation for the installation of data and telephone cabling at the RRT compound in Erbil in accordance with the following standards:

Definitions:

- **Entrance Facilities:** where the building interfaces with the outside world.
- **Equipment Rooms:** host equipment which serve users inside the building
- **Backbone Cabling:** connection between the entrance facilities, equipment rooms and telecommunications rooms.
- **Government Furnished Equipment (GFE):** Materials and equipment provided by the U.S. Government to be installed by the Contractor.

• **Structured cabling**: design and installation is governed by a set of standards that specify wiring data centers and offices, for data or voice communications using category 6 cables (CAT6E) and modular sockets. These standards define how to configure and install the cabling in a star formation such that all outlets terminate at a central wall-mounted patch panel from where it can be determined exactly how these connections will be used. Each outlet can be 'patched' into a data network switch (ordinarily wall mounted alongside) or patched into a 'telecoms patch panel' which forms the bridge into a private branch exchange (PBX) telephone system thus making the connection a voice port.

• **Telephone/data**: outlet boxes shall be single gang, vertically mounted electrical boxes. Outlet boxes shall be flush-mounted whenever possible. Outlet box faceplates and telephone / data jacks shall be supplied and installed by the Cabling Contractor. The Contractor will provide as built drawing(s) showing location and deviation from standard vertical, flush mount.

Codes And Standards:

- j) CAN/CSA-T529 (EIA/TIA568-A) - Electrical Installations
- k) CAN/CSA-T528 (EIA/TIA 606) - Wiring Systems Administration
- l) CAN/CSA-T527 (EIA/TIA 607) - Telecommunications Pathways and Spaces
- d) CAN/CSA-T527 (EIA/TIA 607) - Commercial Building Grounding /Bonding /Requirement Standards
- e) EIA/TIA, IEEE, FCC Standards - Data System Performance Standards
- f) IEEE Standard 1100 - Powering and Grounding Sensitive Electronic Equipment

The Guidelines are:

1. Supply and installation of all communication cables and associated termination components in accordance with the standards mentioned above. There are no differences in the cabling or connectors between data and telephone as standard used will be UTP CAT6E Plenum cable and RJ45 connector for CAT6E.
2. Ensure that internal cabling is kept clear of all power equipment and lighting fixtures as follows:
 - installation guidelines;
 - transformers up to 5 KVA 1m;
 - power lines (120v systems) 300mm;
 - fluorescent lighting 300mm;
 - power lines (600v systems) 1meter;
 - electrical motors -1 meter

3. Leave the main distribution frame copper ready to be terminated.
4. Identify all cables with numbered markers at both ends to as built drawings for record purposes.
5. Contractor will test for continuity, pair placement, pair reversal and incorrectly terminated cables, which will be verified and accepted by the Government.
6. Contractor will test and provide results for each pair according to:
 - Wire map;
 - Length;
 - Propagation delay and skew;
 - NEXT and FEXT;
 - NEXT @ Remote;
 - Attenuation;
 - Resistance impedance;
 - Power sum and return loss testing for all pairs
7. Test all cabling to be in accordance with EIA/TIA 568A-TSB-67. Provide full test output in electronic (test-file) format using the latest version of application software (MS WORD, MS EXCEL, Adobe Acrobat, etc.) Also, provide test summary sheets on paper.
8. Complete layout documentation of all wire closets and the cross connect frame shall be provided to the design engineer upon substantial completion of the project.

Warranty:

The Installation Contractor shall support the above system for a period of two years from the date of acceptance by American Embassy Baghdad/RRT Erbil. The response time to troubleshoot and begin repairs of reported failures will be four (4) hours. If the failure is a result of installation and/or performance of structured cabling, the failure will be repaired within 24 hours from the time of the report. If the failure is not installation and/or performance of structured cabling, the Contractor shall contact the Responsible Representative of the RRT to confirm and get approval to proceed. The Contractor shall make the effort to coordinate and get approval to proceed prior to any visit to the Ankawa compound.

The work includes.

1. **Telephone:** The RRT will provide a telephone backboard at each location.
2. **Horizontal cabling:** Contractor will provide and install four CAT-6 UTP cable from the IDF box to each room or location in raceway as home runs noted on attachment A without any splices.
3. Contractor will provide bix or 110 blocks on the backboard for cross connects with wiring coming into the building.

4. The telephone wiring cross connects will be made by the government.
5. Contractor will provide and design all pathways to accommodate additional and diverse telecommunications requirements from the backboard to each outlet.
6. Work area Cat 6 cables must be terminated on industry standard eight pin modular Cat 6, unkeyed, RJ-45 jacks pinned to ANSI/EIA 568A standard.
7. Contractor shall provide and terminate at each drop three RJ-45 jacks, and Cat 6 UTP cable: one for telephone (blue), one for data (yellow) and one spare (green)
8. The telephone cable will terminate on the 110 or bix block on the backboard.
9. Contactor shall label all cabling and receptacle boxes as set forth in EIA standard 606 and do end to end testing (as noted in #6 above).
10. Data: The contractor will provide and install next to the backboard a standard black 19 inch wide (10-12 "U" tall) wall mounted telecom-munications rack (with exhaust fan and locking front door) to house a rack mounted UPS, two 24/48 port patch panels and a Cisco switch.
11. The UPS, patch panels and Cisco switch will be GFE.
12. Contractor will provide and install fiber optic jumper cables between the FO distribution panel and the switch as outlined in the building drawing.
13. Tests must ensure that the measure link loss for each strand does not exceed the "worst case" allowable loss defined as the sum of the connector loss (based on the number of mated connector pairs at the EIA/TIA-568-B maximum allowable loss of 0.75 dB per mater pair).
14. At completion of the project, contractor will ensure that all holes they made in the building are patched and the area painted to match to original colors, excess materials are removed, and the work area returned to its original state.

E. Closeout

1. At completion of work, the Contractor shall clean any impacted areas to a condition equal to original condition.
2. All shipping materials and construction debris are to be disposed of in a legal manner outside of the Compound.
3. Prior to Final Acceptance the Contractor shall submit to the Contracting Officer Representative marked up drawings (As-Built) reflect the work as constructed. The drawings shall be digitally submitted on a CD-ROM in both AutoCAD and PDF format.

SAFETY (FAR 52.236-13 Accident Prevention.)

1. The Contractor shall provide and maintain work environments and procedures which will:
 - (a) Safeguard the public and Government personnel, property, materials, supplies, and equipment exposed to Contractor operations and activities.
 - (b) Avoid interruptions of Government operations and delays in project completion dates.
 - (c) Control costs in the performance of this contract.
2. For these purposes on contracts for construction or dismantling, demolition, or removal of improvements, the Contractor shall-
 - (a) Provide appropriate safety barricades, signs, and signal lights
 - (b) Comply with the standards issued by the Secretary of Labor at 29 CFR part 1926 and 29 CFR part 1910
 - (c) Ensure that any additional measures the Contracting Officer determines to be reasonably necessary for the purposes are taken.
3. Contractor shall comply with all pertinent provisions of the latest version of U.S. Army Corps of Engineers Safety and Health Requirements Manual, EM 385-1-1, in effect on the date of the solicitation.
4. Whenever the Contracting Officer becomes aware of any noncompliance with these requirements or any condition which poses a serious or imminent danger to the health or safety of the public or Government personnel, the Contracting Officer shall notify the Contractor orally, with written confirmation, and request immediate initiation of corrective action.
 This notice, when delivered to the Contractor or the Contractor's representative at the work site, shall be deemed sufficient notice of the noncompliance and that corrective action is required. After receiving the notice, the Contractor shall immediately take corrective action.
 If the Contractor fails or refuses to promptly take corrective action, the Contracting Officer may issue an order stopping all or part of the work until satisfactory corrective action has been taken. The Contractor shall not be entitled to any equitable adjustment of the contract price or extension of the performance schedule on any stop work order issued under this clause.
5. The Contractor shall insert this clause, including this paragraph (e), with appropriate changes in the designation of the parties, in subcontracts

5.0 PROJECT SCHEDULE**Approximate dates of pre-award activities - Reserved****Construction Milestones, from Notice to Proceed**

Notice to Proceed (NTP)	0	Days from NTP
Project Schedule to OBO	5	
Project Design Notes / Sketches	10	
FAC Review	20	
Procurement, Shipping	25	
Fabrication	35	

Construction Completion	50
Project Acceptance	60

Deliverables - See Section F.11**Commencement, Prosecution, and Completion of Work - See Section F.2****6.0 RESPONSIBILITIES AND PROJECT MANAGEMENT**

1. **COR.** A Contracting Officers Representative (COR) will be assigned to ensure quality assurance goals are met. The Contractor shall provide the COR access to the site at all times.
2. **Point of Contact.** The COR shall be the main point of contact for this Project. The Contractor shall report to the COR on (a) status of the Project, (b) changes in Schedule, (c) accidents and safety issues, (d) disruptions to elevator or utility services; and all other important information pertaining to the Project
3. **English Speaking Representative.** The Contractor shall provide an English-speaking representative on-site during all working hours with the authority to make all decisions on behalf of the Contractor and subcontractors.
4. **Management Personnel.** The Contractor shall staff the site, full-time, with a competent senior manager who shall perform project management. Remote project management is not an option. This individual shall keep a detailed photographic and written history of the project and shall update the Government weekly.
5. **Site Security.** The Contractor is responsible for on-site security as necessary to ensure no unauthorized access to their work sites. The Contractor is 100% responsible for securing their working materials and equipment. Any damage to facilities or infrastructure, which happens due to a lack of security, will be the responsibility of the Contractor to correct.
6. **Contractor's Temporary Work Center.** The Contractor will be permitted to use a designated area within the contract limits for operation of his construction equipment and office if warranted. If directed by the Contracting Officer, the Contractor shall not receive additional compensation to relocate his operations. The Contractor is responsible for obtaining any required additional mobilization area above that designated. On completion of the contract, all facilities shall be removed from the mobilization area within 5 days of final acceptance by the Contractor and shall be disposed of in accordance with applicable host government laws and regulations. The site shall be cleared of construction debris and other materials and the area restored to its final grade. The Contractor is responsible for maintaining this area in a clear orderly manner.
7. **Health and Safety.** The Contractor shall be solely responsible for risk assessments, managing health, and safety issues associated with this project. The Contractor must provide cold water to all workers at the job sites. Based on hazard assessments, Contractors shall provide or afford each affected employee personal protective equipment (PPE) that will protect the employee from hazards. At a minimum PPE shall consist of eye protection, hard hats, and closed toe shoes. If the workers arrive on-site with sandals or athletic shoes, the Contractor is expected to provide rubber boots to them or send them home. All construction workers and management personnel must wear hard hats

at all times on the construction sites. Contractor provided rubber boots and rubber gloves shall be worn when working around concrete placement. Other PPE such as gloves, dust masks, air respirators (sewage work) are also recommended. These items must be provided at the Contractor's expense. Workers may use discretion if they feel unsafe in using the equipment in a hostile environment. Any worker at an elevated location above 4 meters, with the exception of a portable ladder, must be provided and utilize a safety harness.

ATTACHMENT #4

TASK ORDER # 5

**STATEMENT of WORK
For-S-041
(Residence)**

**General Construction SERVICES
For
RENOVATION (MAKE READY) OF COMPOUND
HOUSING TO MEET INTERNATIONAL BUILDING
AND SAFETY CODES.**

**U.S. EMBASSY
Erbil, IRAQ**

*June 19, 2011
Revision 1*

TABLE OF CONTENTS

1.0	Project Description
2.0	General Conditions
3.0	Bid Form
4.0	Statement Of Work
5.0	Project Schedule
6.0	Responsibilities & Project Management

1.0 PROJECT DESCRIPTION

PROJECT SYNOPSIS

The project is described as “Renovation of Property Number: S-041 (Residence) at the RRT US Regional Reconstruction Team, Erbil, Iraq.

The Contractor should furnish all necessary materials, labor, transportation, equipments, investigation and supervision, etc. Work will performed within in fixed-price contract.

BACKGROUND

At present the Residence S-041 does not meet US life safety, comfort nor security standards. The Residence must be upgrade to address various things such as wiring, windows, plumbing, electrical, mechanical and security concerns.

SOLUTION

Improve life safety conditions by replacing electrical internal panel, and installing Ground Fault Circuit (GFI) for all areas as required. Install additional circuits as necessary. Upgrade office condition by installing a small kitchenette, bathroom surfaces and fixtures. Upgrading the electrical system by changing the internal panel with a molded panel; make sure all the power outlets and equipments are grounded. Put all the wires and cables in conduit and using a water proof cover for all outdoor power outlets. Paint the exterior and interior.

2.0 GENERAL CONDITIONS

1. **Fixed-Price Proposal.** The Contractor shall provide one fixed-priced Proposal for the complete Project that includes every aspect of the Work.

2. **Specifications.** The Work shall be governed by the US Regional Reconstruction Team Compound, Erbil, Iraq. International Codes, which includes the National Fire Prevention Association (NFPA), International Building Code, International Mechanical Code, International Plumbing Code, and National Electric Code (NEC), also are applicable. Should there be a discrepancy between the RRT Specifications and the applicable Building Code, the more stringent of the two shall govern.

The Contractor is responsible for compliance with all Building Codes; Work not in compliance with the Codes shall be deemed to be unacceptable.

3. **Execution.** The Work shall be executed in a diligent and workmanlike manner in accordance with the negotiated fixed-price, this Statement Of Work, the Project Schedule, International Building Codes, and the laws of the City of Erbil where applicable.
4. **Work Hours.** Unless otherwise agreed with COR or the Facility Manager, the Work shall be executed during normal Embassy work hours. Night, weekend or holiday work shall not be permitted except as arranged in advance with Facilities Management and COR. Embassy holiday schedule is available from Facilities Management or COR.
5. **Safety.** The Contractor shall be responsible for conducting the work in a manner that ensures the safety of residents, employees and visitors to the Embassy, and the Contractor's employees.
6. **Workforce.** The contractor shall provide all supervision, skilled and unskilled labor needed to perform the work. The contractor shall comply with embassy security policy by providing embassy approved escorts. Contractor provided escorts shall be in quantity sufficient to comply with RSO escort ratios for number of workers on the project. The contractor shall prepare requests to RSO for vetting of employees to get escort badges. The Contractor or government may request for workers to be badge for unescorted Embassy access by going through RSO vetting process.
7. **Subcontractors.** Contractor shall be responsible for the conduct and workmanship of Subcontractors engaged in the Project, and for Subcontractors compliance with the terms of this Statement of Work. The Contractor is responsible for the behavior and workmanship of Subcontractors while on RRT property.
8. **Modification to Contract.** The Contractor shall not incur any costs beyond those described in this SOW unless directed otherwise in writing by the Contracting Officer. Any work performed by the Contractor beyond this SOW without written direction from the Contracting Officer will be at the Contractor's own risk and at no cost to the RRT.
9. **Stop Work.** At any time during the Project, the Contracting Officer reserves the right to Stop Work for protection of employees or visitors, security, or any other reason at his/her discretion.
10. **Submittals.** The contractor is responsible to submit shop drawings prior to fabrication and release of any materials for the Facility Manager and COR Review and approval. The Facility Manager review, however, does not relieve of the contractor's responsibility for the engineering work as to provide a complete working system.

11. **Excavation and Utilities.** The contractor is responsible to locate all existing utility lines prior to any excavation. Prior to disconnecting any existing utility services, the contractor is responsible to provide 48-hour advance notice to the COR.
12. **Close-out.** Prior to final acceptance, the contractor is to submit to the COR marked up drawings (As-Built) reflecting the work as constructed? The drawings shall be digitally submitted on a CD-ROM in both AutoCAD and PDF format.
13. **Housekeeping.** The contractor is responsible to clean up daily after working hours.

3.0 BID FORM**Construction Cost Breakdown: S-041-Residence, Erbil, Iraq****Building Number: S-041**

No	Descriptions	Unit	Qty	Unit Price \$	Total Price \$
1	Administration				
A	Mobilization / Demobilization	LS	1		
B	Submittals – product data & shop drawings	LS	1		
	Administration			Sub-Total	
2	Construction Work				
A	INTERIOR AND EXTERIOR INTERIOR AND EXTERIOR REMODELING	LS	1		
B	Mechanical-Plumbing	LS	1		
C	Electrical	LS	1		
D	Voice and Data Cabling	LS	1		
E	Close-out	LS	1		
	Construction			Sub-Total	
3	DBA Insurance				
A	Contractor shall cover each of its workers at the site with DBA Workers' Compensation coverage, and require its subcontractors to do the same. Contractor must furnish certificate evidencing this coverage to Engineer prior to starting work.	LS	1		
	DBA Insurance			Sub-Total	
	Items 1 thru 3			Sub-Total	
				G & A	
				Sub-Total	
				Profit	
4	Basic Bid -			Contract Cost	
A	Bid -			Contract Cost	

4.0 Statement of Work:

Renovation of Property Number: S-041 (Residence) "Make Ready" the contractor shall be providing all materials, tools and equipments, labors, transportation, and supervision.

2. General Requirements

- a. Within 5 days of Notice to Proceed, the contractor shall provide to the COR a project schedule showing start to completion including significant milestones.
- b. Within 10 days of Notice to Proceed "NTP", the Contractor shall provide to the COR details of the proposed installation utilizing written description or sketches or both.
- c. The contractor is responsible to dispose of the construction debris outside of the RRT Compound. Include, but not limited to soils, rock excavation, packing materials and scrap steel.
- d. The contractor is responsible to properly layout and prepare for the renovation based on locations provided by FAC.
- e. When pursuing the work, the contractor is to take extra care as not to damage existing structure.
- f. All construction work will be in conformance with the following Codes:
 - f1) International Building Code, 2003 Edition
 - f2) International Plumbing Code, 2003 Edition
 - f3) International Mechanical Code, 2003 Edition
 - f4) International Fire Code, 2003 Edition
 - f5) National Electric Code, 2009 Edition
 - f6) National Fire Protection Association, NFPA 101 & NFPA 58
 - f7) ICC/ANSI A117.1-98 Accessible and Usable Buildings and Facilities

A. INTERIOR AND EXTERIOR INTERIOR AND EXTERIOR REMODELING

General Notes for the Building:

1. Clean and polish all floor tiles (interior and exterior) to original condition. Removing all plaster and other materials. Level interior floors as needed.
2. Provide and install vertical blinds for all windows. Provide sample of similar Blinds for approval. Currently there are no blinds on the windows.
3. Patch and Paint Interior walls. Color: Beige (flat).
4. Patch and Paint building Exterior walls. Color: Sand Brown (flat).
5. Patch and Paint Exterior Window grills. Color: White (semi-gloss).
6. Patch and Paint all interior ceilings. Color: White (flat).
7. Patch and Paint perimeter wall. Color: Sand Brown (flat).

8. Remove/reinstall, Patch/sand, Paint, (install new hardware -handles, hinges, etc.) all interior doors. Color: Light Brown (flat). If necessary replace interior doors.
9. Reduce the height of perimeter wall along the street leaving 40 cm from ground level. Patch top and street side of block wall for smooth surface and paint to match existing wall. Color: Sand Brown.
10. Remove and discard entrance Gate.
11. Prior to painting and patching pressure wash exterior of building and the perimeter walls.
12. Repair and finish all interior and exterior walls prior to painting-filling cracks, removing Nails, etc. from the walls.
13. Provide and install new drain pipes on outside walls.
14. All exterior and interior electrical and plumbing to be run in conduit that is esthetic to the building.
15. Repair all broken concrete walkway.
16. Remove and discard all fans, wiring, and rebar on ceilings.
17. Remove and dispose of the barbed wire on and around walls.
18. Provide and install hand rails on the landings at 107cm (42 inches) from the floor and 90 cm (36 inches) from stairs to top of hand rail.
19. Provide and Install in first and second floor bathrooms the following bathroom fixtures: mirror above sink with the soap and tooth brush holder, towel bars (for sink and shower), toilet paper holder, shower curtain rod with the shower curtain, shower soap and shampoo holder/shelving, and handrail in the shower-as a safety item.
20. Provide and install on the first and second floors new Kitchen cabinets and sink similar to existing Residence #6.
21. Provide and install in the first and second floor Kitchens a 25cm exhaust fan with louvers in the wall and switch located below the fan. Cut wall for installation.
22. Provide and install in the first and second floor bathrooms a 25cm exhaust fan with louvers in the wall and switch located next to the light switch. Cut wall for installation.
23. Remove and discard all existing outdoor awning structures.
24. Second floor landing: Provide and install wall (Gypsum board and metal frame) floor to

ceiling with door and frame to provide separate entrance to second floor. (See drawing).

25. Remove and discard all debris in/on and around the building.
26. Provide and install a dropped ceiling on the first floor directly under the new second floor Kitchen to provide room for the installation of P-traps and drains.
27. Inspect and replace outdoor manhole covers as needed.
28. Provide and install new PVC double pane low E windows with frames throughout house. (DOS Green Initiative, Energy Conservation). Discard existing windows and frames.
29. Remove and discard the existing shed. Clean area.
30. Contractor must supply “cleared escorts” at all job sites.
31. Install stairway to second floor balcony.

First Floor:

Entrance Door:

1. Provide and install metal front door and frame, Turkish type with window. Similar to other installed door/frame on site. Dispose of exiting metal/wood door and frame.

Kitchen (new):

1. Provide and install a new Kitchen with all new plumbing (drain, water pipes) and electrical. (See drawing for details)

Bathroom:

1. Provide and install light fixtures with switch at doorway.
2. Install new Bathroom. (See drawing for details).

Second Floor:

Kitchen (new):

1. Provide and install a new Kitchen with all new plumbing (drain, water pipes) and electrical. (See drawing for details)
2. Remove and discard the glass enclosure around the new kitchen.

Living Room:

1. Repair/replace ceiling tiles.

Bathroom:

1. Provide and install a newly remolded Bathroom with all new plumbing (drain, water pipes) and electrical. (See drawing for details)

Balcony (off bedroom/living room):

1. Provide and install two (2) metal doors and frames with Turkish type. Window type off living room and non-window off bedroom. Similar to other installed door/frame on site. Contractor to dispose of exiting doors and frames.

Balcony (off bathroom):

1. Provide and install metal door and frame, Turkish type non-window type as above. Dispose of existing door and frame and glass above. Patch and match existing wall.
2. Repair broken balcony wall, patch all wall areas to match existing wall.
3. Provide and install a new water tank on the Balcony. Remove and discard the water tanks on the Roof.
4. Provide and install pressure pump at water tank to provide pressure to house. Recommended pressure 2.75 – 3.45 bars.

B. MECHANICAL WORK

1. Provide and install seven (7) new 24,000 Btu split system units with heat pump in seven (7) rooms. Do not run power cable and tubing through windows. Penetrate wall for tubing and power cable. All condensers (outdoor) units on the first floor to be installed on ground level and those on the second floor on the roof or balcony. Provide Warranties. Return any existing units to Facilities Maintenance.
2. Provide and install new domestic water pressure pump system at city connection. Pump shall be 3/4 Hp and capable of providing appropriate water pressure to fill Roof Tank. Provide/replace piping as needed. Provide warranty and service period for the installed equipment.
3. Provide and install two new electric Hot Water Heater. Remove and discard existing HWH's.
4. Provide and install P-traps on all drains except toilet.
5. Provide and install plumbing and electrical washer, dryer connections, water supply and drain

on each floor. Dryer vent pipe to be made of metal with no more than two (2) 90° turns, to prevent clogging vent. Add mesh wire on the end of ventilation pipe, to prevent rodents going into the vent. (See drawings for location).

6. Provide and install steel pipe for gas connection from source to flexible tubing between stove and steel pipe on first and second floor kitchens.
7. Provide and install new hoses on all propane tanks with metal tubing or metal wrapped hoses and install cut off valves both at the appliance and outside at the tank. (NFPA 10).
8. Add Washer and Dryer connections.

C. ELECTRICAL WORK

1. Upgrade the new service entrance 3 phase panel to 200amps; establish a ground from panel to two ground rods (the ground rods must meet local codes) 3 meters long and spaced not less than 1.8M apart). Connect 35mm sq copper wires from each ground rod to main circuit breaker Panel. Impedance of ground path for any electrodes may not exceed 25 ohms.
2. The service entrance panel to be rated, weather proof, 200Amps, 400Volts, 3-Phase) with 200Amps main circuit breaker and 32 breaker positions (Single pole breakers).
3. Connect service from MOE grid to new service panel.
4. Provide and install all circuit breakers with a ground.
5. Ground fault circuit interrupters (GFCI's) shall provide for all receptacles in wet locations to include kitchenette and bathrooms. The GFI should trip at 10MAmps or less. Test all installed GFCI for their accurate reaction.
6. Location of new circuit breaker panel to be determined by COR. All circuit breakers shall be labeled in English and local language as to what provide panel board schedule and place on inside of panel door.
7. All circuits inside the house shall be in EMT conduit or similar.
8. All outdoor receptacles shall be GFCI and installed in weatherproof box with cover.
9. Provide and install weatherproof outdoor lights where existing lights are presently installed. Remove and dispose of existing lighting fixtures. (Ground floor entrance and two balconies) switches to be installed on the interior of the door.
10. Remove and dispose all unused wires, cables and panels. Repair any damage caused by work performed. Clean all work areas.

11. Provide and install new wiring throughout the building. The wiring to be THHN/THWN insulated, 600Volts rated equal to NEC #12. Remove and dispose of all replaced wiring.
12. Conduit runs shall contain no more than four quarter turns (90 degree bends) between pull boxes (NEC).
13. Conduits and Protection: All wiring and cabling shall be installed in metal conduit or raceway.
14. Provide and install an electrical outlet along all Interior walls 3 meters apart in each room.
15. Provide and install AC outlet on exterior wall on the top of the outdoor unit.
16. Provide and install new ceiling fans with Rheostat switches near light switch in all living rooms, bedrooms, and kitchens.
17. Provide and install new Fluorescent lighting fixtures with covers on each wall with switches located at the entrances of all rooms. Remove and dispose of all existing lighting fixtures.
18. At the first landing between the two stairways and at the top landing provide and install fluorescent lights with cover. Provide and install a 2-way switch at the bottom floor and the top floor of the stairway.
19. Provide and install one (1) outdoor weatherproof electrical receptacle on the wall at the Ground floor main entrance and the two second floor balconies. (The receptacle should be supplied power through the wall of the room they are attached to.)
20. Provide and install outdoor lights at the entrance and the two second floor balconies with switches on interior side of door way.
21. Provide and install new electrical receptacle on balcony for new water tank pressure pump.
22. Provide and install receptacle at city connection for water pump with switch.
23. Provide and install new receptacles at the two hot water heater locations with disconnect switch.
24. Provide and install internal sub panel/s with hard PVC type material. Discard existing panel.

D. Installation of Voice and Data Cable Network

The vendor will provide a quotation for the installation of data and telephone cabling at the RRT compound in Erbil in accordance with the following standards:

Definitions:

- **Entrance Facilities:** where the building interfaces with the outside world.
- **Equipment Rooms:** host equipment which serve users inside the building
- **Backbone Cabling:** connection between the entrance facilities, equipment rooms and telecommunications rooms.
- **Government Furnished Equipment (GFE):** Materials and equipment provided by the U.S. Government to be installed by the Contractor.
- **Structured cabling:** design and installation is governed by a set of standards that specify wiring data centers and offices, for data or voice communications using category 6 cables (CAT6E) and modular sockets. These standards define how to configure and install the cabling in a star formation such that all outlets terminate at a central wall-mounted patch panel from where it can be determined exactly how these connections will be used. Each outlet can be 'patched' into a data network switch (ordinarily wall mounted alongside) or patched into a 'telecoms patch panel' which forms the bridge into a private branch exchange (PBX) telephone system thus making the connection a voice port.
- **Telephone/data:** outlet boxes shall be single gang, vertically mounted electrical boxes. Outlet boxes shall be flush-mounted whenever possible. Outlet box faceplates and telephone / data jacks shall be supplied and installed by the Cabling Contractor. The Contractor will provide as built drawing(s) showing location and deviation from standard vertical, flush mount.

Codes And Standards:

- m) CAN/CSA-T529 (EIA/TIA568-A) - Electrical Installations
- n) CAN/CSA-T528 (EIA/TIA 606) - Wiring Systems Administration
- o) CAN/CSA-T527 (EIA/TIA 607) - Telecommunications Pathways and Spaces
- d) CAN/CSA-T527 (EIA/TIA 607) - Commercial Building Grounding /Bonding /Requirement Standards
- e) EIA/TIA, IEEE, FCC Standards - Data System Performance Standards
- f) IEEE Standard 1100 - Powering and Grounding Sensitive Electronic Equipment

The Guidelines are:

1. Supply and installation of all communication cables and associated termination components in accordance with the standards mentioned above. There are no differences in the cabling or connectors between data and telephone as standard used will be UTP CAT6E Plenum cable and RJ45 connector for CAT6E.

2. Ensure that internal cabling is kept clear of all power equipment and lighting fixtures as follows:
 - installation guidelines;
 - transformers up to 5 KVA 1m;
 - power lines (120v systems) 300mm;
 - fluorescent lighting 300mm;
 - power lines (600v systems) 1meter;
 - electrical motors -1 meter
3. Leave the main distribution frame copper ready to be terminated.
4. Identify all cables with numbered markers at both ends to as built drawings for record purposes.
5. Contractor will test for continuity, pair placement, pair reversal and incorrectly terminated cables, which will be verified and accepted by the Government.
6. Contractor will test and provide results for each pair according to:
 - Wire map;
 - Length;
 - Propagation delay and skew;
 - NEXT and FEXT;
 - NEXT @ Remote;
 - Attenuation;
 - Resistance impedance;
 - Power sum and return loss testing for all pairs
7. Test all cabling to be in accordance with EIA/TIA 568A-TSB-67. Provide full test output in electronic (test-file) format using the latest version of application software (MS WORD, MS EXCEL, Adobe Acrobat, etc.) Also, provide test summary sheets on paper.
8. Complete layout documentation of all wire closets and the cross connect frame shall be provided to the design engineer upon substantial completion of the project.

Warranty:

The Installation Contractor shall support the above system for a period of two years from the date of acceptance by American Embassy Baghdad/RRT Erbil. The response time to troubleshoot and begin repairs of reported failures will be four (4) hours. If the failure is a result of installation and/or performance of structured cabling, the failure will be repaired within 24 hours from the time of the report. If the failure is not installation and/or performance of structured cabling, the Contractor shall contact the Responsible Representative of the RRT to confirm and get approval to proceed. The Contractor shall make the effort to coordinate and get approval to proceed prior to any visit to the Ankawa compound.

The work includes.

1. **Telephone**: The RRT will provide a telephone backboard at each location.
2. **Horizontal cabling**: Contractor will provide and install four CAT-6 UTP cable from the IDF box to each room or location in raceway as home runs noted on attachment A without any splices.
3. Contractor will provide bix or 110 blocks on the backboard for cross connects with wiring coming into the building.
4. The telephone wiring cross connects will be made by the government.
5. Contractor will provide and design all pathways to accommodate additional and diverse telecommunications requirements from the backboard to each outlet.
6. Work area Cat 6 cables must be terminated on industry standard eight pin modular Cat 6, unkeyed, RJ-45 jacks pinned to ANSI/EIA 568A standard.
7. Contractor shall provide and terminate at each drop three RJ-45 jacks, and Cat 6 UTP cable: one for telephone (blue), one for data (yellow) and one spare (green)
8. The telephone cable will terminate on the 110 or bix block on the backboard.
9. Contactor shall label all cabling and receptacle boxes as set forth in EIA standard 606 and do end to end testing (as noted in #6 above).
10. Data: The contractor will provide and install next to the backboard a standard black 19 inch wide (10-12 "U" tall) wall mounted telecom-munications rack (with exhaust fan and locking front door) to house a rack mounted UPS, two 24/48 port patch panels and a Cisco switch.
11. The UPS, patch panels and Cisco switch will be GFE.
12. Contractor will provide and install fiber optic jumper cables between the FO distribution panel and the switch as outlined in the building drawing.
13. Tests must ensure that the measure link loss for each strand does not exceed the "worst case" allowable loss defined as the sum of the connector loss (based on the number of mated connector pairs at the EIA/TIA-568-B maximum allowable loss of 0.75 dB per mater pair).
14. At completion of the project, contractor will ensure that all holes they made in the building are patched and the area painted to match to original colors, excess materials are removed, and the work area returned to its original state.

E. Closeout

1. At completion of work, the Contractor shall clean any impacted areas to a condition equal to original condition.
2. All shipping materials and construction debris are to be disposed of in a legal manner outside of the Compound.
3. Prior to Final Acceptance the Contractor shall submit to the Contracting Officer Representative marked up drawings (As-Built) reflect the work as constructed. The drawings shall be digitally submitted on a CD-ROM in both AutoCAD and PDF format.

SAFETY (FAR 52.236-13 Accident Prevention.)

1. The Contractor shall provide and maintain work environments and procedures which will:
 - (a) Safeguard the public and Government personnel, property, materials, supplies, and equipment exposed to Contractor operations and activities.
 - (b) Avoid interruptions of Government operations and delays in project completion dates.
 - (c) Control costs in the performance of this contract.
2. For these purposes on contracts for construction or dismantling, demolition, or removal of improvements, the Contractor shall-
 - (a) Provide appropriate safety barricades, signs, and signal lights
 - (b) Comply with the standards issued by the Secretary of Labor at 29 CFR part 1926 and 29 CFR part 1910
 - (c) Ensure that any additional measures the Contracting Officer determines to be reasonably necessary for the purposes are taken.
3. Contractor shall comply with all pertinent provisions of the latest version of U.S. Army Corps of Engineers Safety and Health Requirements Manual, EM 385-1-1, in effect on the date of the solicitation.
4. Whenever the Contracting Officer becomes aware of any noncompliance with these requirements or any condition which poses a serious or imminent danger to the health or safety of the public or Government personnel, the Contracting Officer shall notify the Contractor orally, with written confirmation, and request immediate initiation of corrective action.

This notice, when delivered to the Contractor or the Contractor's representative at the work site, shall be deemed sufficient notice of the noncompliance and that corrective action is required. After receiving the notice, the Contractor shall immediately take corrective action.

If the Contractor fails or refuses to promptly take corrective action, the Contracting Officer may issue an order stopping all or part of the work until satisfactory corrective action has been taken. The Contractor shall not be entitled to any equitable adjustment of the contract price or extension of the performance schedule on any stop work order issued under this clause.
5. The Contractor shall insert this clause, including this paragraph (e), with appropriate changes in the designation of the parties, in subcontracts

5.0 PROJECT SCHEDULE

Approximate dates of pre-award activities - Reserved

Construction Milestones, from Notice to Proceed

Notice to Proceed (NTP)	0	Days from NTP
Project Schedule to OBO	5	
Project Design Notes / Sketches	10	
FAC Review	20	
Procurement, Shipping	25	
Fabrication	35	
Construction Completion	50	
Project Acceptance	60	

Deliverables - See Section F.11

Commencement, Prosecution, and Completion of Work - See Section F.2

6.0 RESPONSIBILITIES AND PROJECT MANAGEMENT

1. **COR.** A Contracting Officers Representative (COR) will be assigned to ensure quality assurance goals are met. The Contractor shall provide the COR access to the site at all times.
2. **Point of Contact.** The COR shall be the main point of contact for this Project. The Contractor shall report to the COR on (a) status of the Project, (b) changes in Schedule, (c) accidents and safety issues, (d) disruptions to elevator or utility services; and all other important information pertaining to the Project
3. **English Speaking Representative.** The Contractor shall provide an English-speaking representative on-site during all working hours with the authority to make all decisions on behalf of the Contractor and subcontractors.
4. **Management Personnel.** The Contractor shall staff the site, full-time, with a competent senior manager who shall perform project management. Remote project management is not an option. This individual shall keep a detailed photographic and written history of the project and shall update the Government weekly.
5. **Site Security.** The Contractor is responsible for on-site security as necessary to ensure no unauthorized access to their work sites. The Contractor is 100% responsible for securing their working materials and equipment. Any damage to facilities or infrastructure, which happens due to a lack of security, will be the responsibility of the Contractor to correct.
6. **Contractor's Temporary Work Center.** The Contractor will be permitted to use a designated area within the contract limits for operation of his construction equipment and office if warranted. If directed by the Contracting Officer, the Contractor shall not receive additional compensation to

relocate his operations. The Contractor is responsible for obtaining any required additional mobilization area above that designated. On completion of the contract, all facilities shall be removed from the mobilization area within 5 days of final acceptance by the Contractor and shall be disposed of in accordance with applicable host government laws and regulations. The site shall be cleared of construction debris and other materials and the area restored to its final grade. The Contractor is responsible for maintaining this area in a clear orderly manner.

7. **Health and Safety.** The Contractor shall be solely responsible for risk assessments, managing health, and safety issues associated with this project. The Contractor must provide cold water to all workers at the job sites. Based on hazard assessments, Contractors shall provide or afford each affected employee personal protective equipment (PPE) that will protect the employee from hazards. At a minimum PPE shall consist of eye protection, hard hats, and closed toe shoes. If the workers arrive on-site with sandals or athletic shoes, the Contractor is expected to provide rubber boots to them or send them home. All construction workers and management personnel must wear hard hats at all times on the construction sites. Contractor provided rubber boots and rubber gloves shall be worn when working around concrete placement. Other PPE such as gloves, dust masks, air respirators (sewage work) are also recommended. These items must be provided at the Contractor's expense. Workers may use discretion if they feel unsafe in using the equipment in a hostile environment. Any worker at an elevated location above 4 meters, with the exception of a portable ladder, must be provided and utilize a safety harness.

ATTACHMENT # 4

TASK # 6

STATEMENT of WORK

PROPERTY NO. S044 AND NO. S042

**RENOVATION (MAKE READY) OF COMPOUND
HOUSING TO MEET THE NATIONAL ELECTRIC
AND SAFTY CODE.**

**U.S. EMBASSY
Erbil, IRAQ**

April 18 2011

TABLE OF CONTENTS

1. Project Description
2. General Conditions
3. Bid Form
4. Statement Of Work
5. Project Schedule
6. Deliverables
7. Responsibilities & Project Management
8. Attachments:

PROJECT DESCRIPTION

PROJECT SYNOPSIS

The project is described as “Renovation of Property No. S042 and No. S044” at US Regional Reconstruction Team, Erbil, Iraq.

The Contractor should furnish all necessary materials, labor, transportation, equipments, investigation and supervision, etc. Work will performed within in fixed-price contract.

BACKGROUND

At present the residence does not meet US life safety and comfort standard. Residence must be upgrade to address various things such as wiring, windows, plumbing, electrical, mechanical and structure concerns.

SOLUTION

Improve life safety conditions by replacing electrical internal panel, and installing Ground Fault Circuit (GFI) for all areas as required. Install additional circuits as necessary. Upgrade living condition by replacing kitchen accessories, bathroom surfaces, fixture and other cosmetic features such as upgrading the electrical system by changing the internal panel and put a plastic one, make sure all the power outlets and equipments are ground it. Put all the wires and cables in conduit and using a water proof cover for all outdoor power outlets and the one at the kitchen and bathrooms. Re-paint the house, installing a solid door instead of the current door. Checking the water pipes and replace the one is leaking.

GENERAL CONDITIONS

1. **Fixed-Price Proposal.** The Contractor shall provide one fixed-priced Proposal for the complete Project that includes every aspect of the Work.
2. **Specifications.** The Work shall be governed by the US Regional Reconstruction Team Compound, Erbil, Iraq. International Codes, which includes the International Building Code, International Mechanical Code, International Plumbing Code, and National Electric Code, also are applicable. Should there be a discrepancy between the RRT Specifications and the applicable Building Code, the more stringent of the two shall govern.

The Contractor is responsible for compliance with all Building Codes; Work not in compliance with the Codes shall be deemed to be unacceptable.

3. **Execution.** The Work shall be executed in a diligent and workmanlike manner in accordance with the negotiated fixed-price, this Statement Of Work, the Project Schedule, International Building Codes, and the laws of the City of Erbil where applicable.
4. **Work Hours.** Unless otherwise agreed with Facilities Management, the Work shall be executed during normal Embassy work hours. Night, weekend or holiday work shall not be permitted except as arranged in advance with Facilities Management. Embassy holiday schedule is available from Facilities Management.
5. **Safety.** The Contractor shall be responsible for conducting the work in a manner that ensures the safety of residents, employees and visitors to the Embassy, and the Contractor's employees.
6. **Workforce.** The contractor shall provide all supervision, skilled and unskilled labor needed to perform the work. The contractor shall comply with embassy security policy by providing embassy approved escorts. Contractor provided escorts shall be in quantity sufficient to comply with RSO escort ratios for number of workers on the project. The contractor shall prepare requests to RSO for vetting of employees to get escort badges. The Contractor or government may request for workers to be badged for unescorted Embassy access by going through RSO vetting process.
7. **Subcontractors.** Contractor shall be responsible for the conduct and workmanship of Subcontractors engaged in the Project, and for Subcontractors compliance with the terms of this Statement of Work. The Contractor is responsible for the behavior and workmanship of Subcontractors while on RRT property.
8. **Modification to Contract.** The Contractor shall not incur any costs beyond those described in this SOW unless directed otherwise in writing by the Contracting Officer. Any work performed by the Contractor beyond this SOW without written direction from the Contracting Officer will be at the Contractor's own risk and at no cost to the RRT.
9. **Stop Work.** At any time during the Project, the Contracting Officer reserves the right to Stop Work for protection of employees or visitors, security, or any other reason at his/her discretion.
10. **Submittals.** The contractor is responsible to submit shop drawings prior to fabrication and release of any materials for the Facility Manager Review and approval. The Facility Manager review, however,

does not relieve of the contractor's responsibility for the engineering work as to provide a complete working system.

11. **Excavation and Utilities.** The contractor is responsible to locate all existing utility lines prior to any excavation. Prior to disconnecting any existing utility services, the contractor is responsible to provide 48-hour advance notice to the COR.
12. **Close-out.** Prior to final acceptance, the contractor is to submit to the Facility Manager marked up drawings (As-Built) reflecting the work as constructed? The drawings shall be digitally submitted on a CD-ROM in both AutoCAD and PDF format.
13. **Housekeeping.** The contractor is responsible to clean up daily after working hours.

BID FORM**Construction Cost Breakdown Properties S-042 & S-044 – electrical, Erbil, Iraq**

No	Descriptions	Unit	Qty	Unit Price \$	Total Price \$
1	Administration				
A	Mobilization / Demobilization	LS	1		
B	Submittals – product data & shop drawings	LS	1		
	Administration			Sub-Total	
2	Construction Work				
A	Electrical	LS	1		
B		LS	1		
C		LS	1		
D		LS	1		
E	Close-out	LS	1		
	Construction			Sub-Total	
3	DBA Insurance				
A	Contractor shall cover each of its workers at the site with DBA Workers' Compensation coverage, and require its subcontractors to do the same. Contractor must furnish certificate evidencing this coverage to Engineer prior to starting work.	LS	1		
	DBA Insurance			Sub-Total	
	Items 1 thru 3			Sub-Total	
				G & A	
				Sub-Total	
				Profit	
4	Basic Bid -			Contract Cost	
A	Bid -			Contract Cost	

STATEMENT OF WORK:

Renovation of Property No. S042 and No. S044 "Make Ready" the contractor shall be providing all materials, tools and equipments, labors, transportation, and supervision.

3. General Requirements

- a. Within 5 days of Notice to Proceed, the contractor shall provide to the COR a project schedule showing start to completion.

- b. Within 10 days of Notice to Proceed “NTP”, the Contractor shall provide to the COR details of the proposed installation utilizing written description or sketches or both.
- c. The contractor is responsible to dispose of the construction debris outside of the RRT Compound. Include, but not limited to soils, rock excavation, packing materials and scrap steel.
- d. The contractor is responsible to properly layout and prepare for the renovation based on locations provided by FAC.
- e. When pursuing the work, the contractor is to take extra care as not to damage existing structure.
- f. All construction work will be in conformance with the following Codes:
 - f1) International Building Code, 2003 Edition
 - f2) International Plumbing Code, 2003 Edition
 - f3) International Mechanical Code, 2003 Edition
 - f4) International Fire Code, 2003 Edition
 - f5) National Electric Code, 2009 Edition
 - f6) National Fire Protection Association, NFPA 101 & NFPA 58
 - f7) ICC/ANSI A117.1-98 Accessible and Usable Buildings and Facilities

ELECTRICAL WORK

1. Installing new service entrance 3 phase panel; establish a ground, from panel to ground rod (the ground rod needs to be copper or metal clad copper 3 meters long). Connect 35mm sq copper wires from ground rod to main circuit breaker. Connect ground rod to water pipe with 35mm² copper wires. Impedance of ground path for any electrodes may not exceed 15 ohms.
Install one with 95mm sq bare copper ground wire, 3 meter long copper ground rods at each corner & tie the service entrance panel to it
2. Panel to be rated, weather proof, 250Amps, 400Volts. With 250Amps main circuit breaker, and 32 breaker positions. Replace panels inside house, with new panel and breakers.
3. Connect service from MOE grid to new service panel.
4. After new circuit is energized, begin to transfer circuit from old breakers to new circuit breaker panel.
Were no ground exist, install cable with ground wire from circuit breaker to equipment.
5. Install breaker and individual circuit with ground for washer, dryer, A/C, and kitchen receptacles, water heater, water pump.
6. Ground fault circuit interrupters (GFCI's) shall provide for all receptacles in wet locations. The GFI should trip at 10MAmps or less. Test all installed GFCI for their accurate reaction.
7. New circuit inside the house shall be in EMT conduit. Replace light fixtures by a fluorescent type. Provide sample.
8. Location of new circuit breaker panel to be determined at each house. All circuit breakers shall be labeled in English and local language as to what function.
9. Install waterproof switches, receptacle located outside of house.

10. Remove all unused wires, cables and panels. Repair any damage caused by work performed. Clean all work areas.
11. Provide triplex cable or 4X90mm and the wiring should be THHN/THWN insulated, 600Volts rated.
12. There shall be no more than 2- 90 degree turns or equivalent in conduit leg, provide junction boxes as needed
13. Provide and install an electrical outlet along all interior walls 3 meters apart and one (1) AC outlet in each room. (See drawing)
14. See reference (f.f5) for standards

Telephone Cabling

1. Provide and install 6 CAT5 runs, for telephone use, from the IDF box in room TBD to the each bedroom, and living rooms.
2. Provide and install 20 runs of CAT5 cabling, for telephone use, from the IDF box in room 230 to the new interview room (Room 204) on the 2nd floor as per the contract drawings and specifications. .
3. Conduits and Protection: All wiring and cabling shall be installed in metal conduit or raceway as per the contract drawings and the specifications.

SAFETY (FAR 52.236-13 Accident Prevention.)

1. The Contractor shall provide and maintain work environments and procedures which will-
 - (a) Safeguard the public and Government personnel, property, materials, supplies, and equipment exposed to Contractor operations and activities.
 - (b) Avoid interruptions of Government operations and delays in project completion dates.
 - (c) Control costs in the performance of this contract.
2. For these purposes on contracts for construction or dismantling, demolition, or removal of improvements, the Contractor shall-
 - (a) Provide appropriate safety barricades, signs, and signal lights
 - (b) Comply with the standards issued by the Secretary of Labor at 29 CFR part 1926 and 29 CFR part 1910
 - (c) Ensure that any additional measures the Contracting Officer determines to be reasonably necessary for the purposes are taken.
3. Contractor shall comply with all pertinent provisions of the latest version of U.S. Army Corps of Engineers Safety and Health Requirements Manual, EM 385-1-1, in effect on the date of the solicitation.
4. Whenever the Contracting Officer becomes aware of any noncompliance with these requirements or any condition which poses a serious or imminent danger to the health or safety of the public or Government personnel, the Contracting Officer shall notify the Contractor orally, with written confirmation, and request immediate initiation of corrective action.

This notice, when delivered to the Contractor or the Contractor's representative at the work site, shall be deemed sufficient notice of the noncompliance and that corrective action is required. After receiving the notice, the Contractor shall immediately take corrective action.

If the Contractor fails or refuses to promptly take corrective action, the Contracting Officer may issue an order stopping all or part of the work until satisfactory corrective action has been taken. The Contractor shall not be entitled to any equitable adjustment of the contract price or extension of the performance schedule on any stop work order issued under this clause.
5. The Contractor shall insert this clause, including this paragraph (e), with appropriate changes in the designation of the parties, in subcontracts

Closeout

- a. At completion of work, the Contractor shall clean any impacted areas to a condition equal to original condition.
- b. All shipping materials and construction debris are to be disposed of in a legal manner outside of the Compound.
- c. Prior to Final Acceptance the Contractor shall submit to the Contracting Officer Representative marked up drawings (As-Built) reflecting the work as constructed. The drawings shall be digitally submitted on a CD-ROM in both AutoCAD and PDF format.

PROJECT SCHEDULE**Approximate dates of pre-award activities - RESERVED****Construction Milestones, from Notice to Proceed**

Notice to Proceed (NTP)	0	Days from NTP
Project Schedule to OBO	5	
Project Design Notes / Sketches	10	
FAC Review	20	
Procurement, Shipping	25	
Fabrication	35	
Construction Completion	50	
Project Acceptance	60	

Deliverables - See Section F.11**Commencement, Prosecution, and Completion of Work - See Section F.2****RESPONSIBILITIES AND PROJECT MANAGEMENT**

1. **COR.** A Contracting Officers Representative (COR) will be assigned to ensure quality assurance goals are met. The Contractor shall provide the COR access to the site at all times.
2. **Point of Contact.** The COR shall be the main point of contact for this Project. The Contractor shall report to the COR on (a) status of the Project, (b) changes in Schedule, (c) accidents and safety issues, (d) disruptions to elevator or utility services; and all other important information pertaining to the Project
3. **English Speaking Representative.** The Contractor shall provide an English-speaking representative on-site during all working hours with the authority to make all decisions on behalf of the Contractor and subcontractors.
4. **Management Personnel.** The Contractor shall staff the site, full-time, with a competent senior manager who shall perform project management. Remote project management is not an option. This

individual shall keep a detailed photographic and written history of the project and shall update the Government weekly.

5. **Site Security.** The Contractor is responsible for on-site security as necessary to ensure no unauthorized access to their work sites. The Contractor is 100% responsible for securing their working materials and equipment. Any damage to facilities or infrastructure, which happens due to a lack of security, will be the responsibility of the Contractor to correct.
6. **Contractor's Temporary Work Center.** The Contractor will be permitted to use a designated area within the contract limits for operation of his construction equipment and office if warranted. If directed by the Contracting Officer, the Contractor shall not receive additional compensation to relocate his operations. The Contractor is responsible for obtaining any required additional mobilization area above that designated. On completion of the contract, all facilities shall be removed from the mobilization area within 5 days of final acceptance by the Contractor and shall be disposed of in accordance with applicable host government laws and regulations. The site shall be cleared of construction debris and other materials and the area restored to its final grade. The Contractor is responsible for maintaining this area in a clear orderly manner.
7. **Health and Safety.** The Contractor shall be solely responsible for risk assessments, managing health, and safety issues associated with this project. The Contractor must provide cold water to all workers at the job sites. Based on hazard assessments, Contractors shall provide or afford each affected employee personal protective equipment (PPE) that will protect the employee from hazards. At a minimum PPE shall consist of eye protection, hard hats, and closed toe shoes. If the workers arrive on-site with sandals or athletic shoes, the Contractor is expected to provide rubber boots to them or send them home. All construction workers and management personnel must wear hard hats at all times on the construction sites. Contractor provided rubber boots and rubber gloves shall be worn when working around concrete placement. Other PPE such as gloves, dust masks, air respirators (sewage work) are also recommended. These items must be provided at the Contractor's expense. Workers may use discretion if they feel unsafe in using the equipment in a hostile environment. Any worker at an elevated location above 4 meters, with the exception of a portable ladder, must be provided and utilize a safety harness.

ATTACHMENT # 4

TASK ORDER # 7

STATEMENT of WORK

PROPERTY NO. S044 AND NO. S042

**RENOVATION (MAKE READY) OF COMPOUND
HOUSING TO MEET THE NATIONAL BUILDING
AND SAFTY CODE (RESIDENTIAL PATCH AND PAINT).**

**U.S. EMBASSY
Erbil, IRAQ**

April 18 2011

TABLE OF CONTENTS

1. Project Description
2. General Conditions
3. Bid Form
4. Statement Of Work
5. Project Schedule
6. Deliverables
7. Responsibilities & Project Management
8. Attachments:

PROJECT DESCRIPTION

PROJECT SYNOPSIS

The project is described as “Renovation of Property No. S044 and No. S042” at US Regional Reconstruction Team, Erbil, Iraq.

The Contractor should furnish all necessary materials, labor, transportation, equipments, investigation and supervision, etc. Work will performed within in fixed-price contract.

BACKGROUND

At present the residence does not meet US life safety and comfort standard. Residence must be upgrade to address various things such as wiring, windows, plumbing, electrical, mechanical and structure concerns.

SOLUTION

Improve life safety conditions by replacing electrical internal panel, and installing Ground Fault Circuit (GFI) for all areas as required. Install additional circuits as necessary. Upgrade living condition by replacing kitchen accessories, bathroom surfaces, fixture and other cosmetic features such as upgrading the electrical system by changing the internal panel and put a plastic one, make sure all the power outlets and equipments are ground it. Put all the wires and cables in conduit and using a water proof cover for all outdoor power outlets and the one at the kitchen and bathrooms. Re-paint the house, installing a solid door instead of the current door. Checking the water pipes and replace the one is leaking.

GENERAL CONDITIONS

1. **Fixed-Price Proposal.** The Contractor shall provide one fixed-priced Proposal for the complete Project that includes every aspect of the Work.
2. **Specifications.** The Work shall be governed by the US Regional Reconstruction Team Compound, Erbil, Iraq. International Codes, which includes the International Building Code, International Mechanical Code, International Plumbing Code, and National Electric Code, also are applicable. Should there be a discrepancy between the RRT Specifications and the applicable Building Code, the more stringent of the two shall govern.

The Contractor is responsible for compliance with all Building Codes; Work not in compliance with the Codes shall be deemed to be unacceptable.

3. **Execution.** The Work shall be executed in a diligent and workmanlike manner in accordance with the negotiated fixed-price, this Statement Of Work, the Project Schedule, International Building Codes, and the laws of the City of Erbil where applicable.
4. **Work Hours.** Unless otherwise agreed with Facilities Management, the Work shall be executed during normal Embassy work hours. Night, weekend or holiday work shall not be permitted except as arranged in advance with Facilities Management. Embassy holiday schedule is available from Facilities Management.
5. **Safety.** The Contractor shall be responsible for conducting the work in a manner that ensures the safety of residents, employees and visitors to the Embassy, and the Contractor's employees.
6. **Workforce.** The contractor shall provide all supervision, skilled and unskilled labor needed to perform the work. The contractor shall comply with embassy security policy by providing embassy approved escorts. Contractor provided escorts shall be in quantity sufficient to comply with RSO escort ratios for number of workers on the project. The contractor shall prepare requests to RSO for vetting of employees to get escort badges. The Contractor or government may request for workers to be badged for unescorted Embassy access by going through RSO vetting process.
7. **Subcontractors.** Contractor shall be responsible for the conduct and workmanship of Subcontractors engaged in the Project, and for Subcontractors compliance with the terms of this Statement of Work. The Contractor is responsible for the behavior and workmanship of Subcontractors while on RRT property.
8. **Modification to Contract.** The Contractor shall not incur any costs beyond those described in this SOW unless directed otherwise in writing by the Contracting Officer. Any work performed by the Contractor beyond this SOW without written direction from the Contracting Officer will be at the Contractor's own risk and at no cost to the RRT.
9. **Stop Work.** At any time during the Project, the Contracting Officer reserves the right to Stop Work for protection of employees or visitors, security, or any other reason at his/her discretion.

10. **Submittals.** The contractor is responsible to submit shop drawings prior to fabrication and release of any materials for the Facility Manager Review and approval. The Facility Manager review, however, does not relieve of the contractor's responsibility for the engineering work as to provide a complete working system.
11. **Excavation and Utilities.** The contractor is responsible to locate all existing utility lines prior to any excavation. Prior to disconnecting any existing utility services, the contractor is responsible to provide 48-hour advance notice to the COR.
12. **Close-out.** Prior to final acceptance, the contractor is to submit to the Facility Manager marked up drawings (As-Built) reflecting the work as constructed? The drawings shall be digitally submitted on a CD-ROM in both AutoCAD and PDF format.
13. **Housekeeping.** The contractor is responsible to clean up daily after working hours.

BID FORM**Construction Cost Breakdown –Properties S042 & S044 – Patch Painting, Erbil, Iraq**

No	Descriptions	Unit	Qty	Unit Price \$	Total Price \$
1	Administration				
A	Mobilization / Demobilization	LS	1		
B	Submittals – product data & shop drawings	LS	1		
	Administration			Sub-Total	
2	Construction Work				
A	INTERIOR AND EXTERIOR INTERIOR AND EXTERIOR REMODELING	LS	1		
B		LS	1		
C		LS	1		
D		LS	1		
E	Close-out	LS	1		
	Construction			Sub-Total	
3	DBA Insurance				
A	Contractor shall cover each of its workers at the site with DBA Workers' Compensation coverage, and require its subcontractors to do the same. Contractor must furnish certificate evidencing this coverage to Engineer prior to starting work.	LS	1		
	DBA Insurance			Sub-Total	
	Items 1 thru 3			Sub-Total	
				G & A	
				Sub-Total	
				Profit	
4	Basic Bid -			Contract Cost	
A	Bid -			Contract Cost	

STATEMENT OF WORK:

Renovation of Property No. S044 and No. S042“Make Ready” the contractor shall be providing all materials, tools and equipments, labors, transportation, and supervision.

4. General Requirements

- a. Within 5 days of Notice to Proceed, the contractor shall provide to the COR a project schedule showing start to completion.
- b. Within 10 days of Notice to Proceed "NTP", the Contractor shall provide to the COR details of the proposed installation utilizing written description or sketches or both.
- c. The contractor is responsible to dispose of the construction debris outside of the RRT Compound. Include, but not limited to soils, rock excavation, packing materials and scrap steel.
- d. The contractor is responsible to properly layout and prepare for the renovation based on locations provided by Facility Manager.
- e. When pursuing the work, the contractor is to take extra care as not to damage existing structure.
- f. All construction work will be in conformance with the following Codes:
 - f1) International Building Code, 2003 Edition
 - f2) International Plumbing Code, 2003 Edition
 - f3) International Mechanical Code, 2003 Edition
 - f4) International Fire Code, 2003 Edition
 - f5) National Electric Code, 2009 Edition
 - f6) National Fire Protection Association, NFPA 101 & NFPA 58
 - f7) ICC/ANSI A117.1-98 Accessible and Usable Buildings and Facilities

INTERIOR AND EXTERIOR INTERIOR AND EXTERIOR REMODELING

1. Close all existing duct openings, with gypsum board and thermo insulation.
2. Patch and paint all interior and exterior surfaces.
3. Paint all the wooden bedroom doors. Color: Light Brown
4. Clean and polish all floor tiles to original condition.
5. See reference (f.f1) for standards.

SAFETY (FAR 52.236-13 Accident Prevention.)

1. The Contractor shall provide and maintain work environments and procedures which will-
 - (a) Safeguard the public and Government personnel, property, materials, supplies, and equipment exposed to Contractor operations and activities.
 - (b) Avoid interruptions of Government operations and delays in project completion dates.
 - (c) Control costs in the performance of this contract.
2. For these purposes on contracts for construction or dismantling, demolition, or removal of improvements, the Contractor shall-
 - (a) Provide appropriate safety barricades, signs, and signal lights
 - (b) Comply with the standards issued by the Secretary of Labor at 29 CFR part 1926 and 29 CFR part 1910

- (c) Ensure that any additional measures the Contracting Officer determines to be reasonably necessary for the purposes are taken.
3. Contractor shall comply with all pertinent provisions of the latest version of U.S. Army Corps of Engineers Safety and Health Requirements Manual, EM 385-1-1, in effect on the date of the solicitation.
4. Whenever the Contracting Officer becomes aware of any noncompliance with these requirements or any condition which poses a serious or imminent danger to the health or safety of the public or Government personnel, the Contracting Officer shall notify the Contractor orally, with written confirmation, and request immediate initiation of corrective action.
This notice, when delivered to the Contractor or the Contractor's representative at the work site, shall be deemed sufficient notice of the noncompliance and that corrective action is required. After receiving the notice, the Contractor shall immediately take corrective action.
If the Contractor fails or refuses to promptly take corrective action, the Contracting Officer may issue an order stopping all or part of the work until satisfactory corrective action has been taken. The Contractor shall not be entitled to any equitable adjustment of the contract price or extension of the performance schedule on any stop work order issued under this clause.
5. The Contractor shall insert this clause, including this paragraph (e), with appropriate changes in the designation of the parties, in subcontracts

Closeout

- a. At completion of work, the Contractor shall clean any impacted areas to a condition equal to original condition.
- b. All shipping materials and construction debris are to be disposed of in a legal manner outside of the Compound.
- c. Prior to Final Acceptance the Contractor shall submit to the Contracting Officer Representative marked up drawings (As-Built) reflecting the work as constructed. The drawings shall be digitally submitted on a CD-ROM in both AutoCAD and PDF format.

PROJECT SCHEDULE

Approximate dates of pre-award activities - RESERVED

Construction Milestones, from Notice to Proceed

Notice to Proceed (NTP)	0	Days from NTP
Project Schedule to OBO	5	
Project Design Notes / Sketches	10	
FAC Review	20	
Procurement, Shipping	25	
Fabrication	35	
Construction Completion	50	

Project Acceptance

60

Deliverables - See Section F.11**Commencement, Prosecution, and Completion of Work - See Section F.2****RESPONSIBILITIES AND PROJECT MANAGEMENT**

1. **COR.** A Contracting Officers Representative (COR) will be assigned to ensure quality assurance goals are met. The Contractor shall provide the COR access to the site at all times.
2. **Point of Contact.** The COR shall be the main point of contact for this Project. The Contractor shall report to the COR on (a) status of the Project, (b) changes in Schedule, (c) accidents and safety issues, (d) disruptions to elevator or utility services; and all other important information pertaining to the Project
3. **English Speaking Representative.** The Contractor shall provide an English-speaking representative on-site during all working hours with the authority to make all decisions on behalf of the Contractor and subcontractors.
4. **Management Personnel.** The Contractor shall staff the site, full-time, with a competent senior manager who shall perform project management. Remote project management is not an option. This individual shall keep a detailed photographic and written history of the project and shall update the Government weekly.
5. **Site Security.** The Contractor is responsible for on-site security as necessary to ensure no unauthorized access to their work sites. The Contractor is 100% responsible for securing their working materials and equipment. Any damage to facilities or infrastructure, which happens due to a lack of security, will be the responsibility of the Contractor to correct.
6. **Contractor's Temporary Work Center.** The Contractor will be permitted to use a designated area within the contract limits for operation of his construction equipment and office if warranted. If directed by the Contracting Officer, the Contractor shall not receive additional compensation to relocate his operations. The Contractor is responsible for obtaining any required additional mobilization area above that designated. On completion of the contract, all facilities shall be removed from the mobilization area within 5 days of final acceptance by the Contractor and shall be disposed of in accordance with applicable host government laws and regulations. The site shall be cleared of construction debris and other materials and the area restored to its final grade. The Contractor is responsible for maintaining this area in a clear orderly manner.
7. **Health and Safety.** The Contractor shall be solely responsible for risk assessments, managing health, and safety issues associated with this project. The Contractor must provide cold water to all workers at the job sites. Based on hazard assessments, Contractors shall provide or afford each affected employee personal protective equipment (PPE) that will protect the employee from hazards. At a minimum PPE shall consist of eye protection, hard hats, and closed toe shoes. If the workers arrive on-site with sandals or athletic shoes, the Contractor is expected to provide rubber boots to

them or send them home. All construction workers and management personnel must wear hard hats at all times on the construction sites. Contractor provided rubber boots and rubber gloves shall be worn when working around concrete placement. Other PPE such as gloves, dust masks, air respirators (sewage work) are also recommended. These items must be provided at the Contractor's expense. Workers may use discretion if they feel unsafe in using the equipment in a hostile environment. Any worker at an elevated location above 4 meters, with the exception of a portable ladder, must be provided and utilize a safety harness.

ATTACHMENT # 5**Defense Base Act Insurance Rates & Contact Information****Contract Information**

Contract number: S-AQMMA-08-C-0204
Contractor: Continental Insurance Company

Contact Information

Agent: Rutherford International
5500 Cherokee Avenue, Suite 300
Alexandria, VA 22312

Primary Contact: Delia Shontere
Phone: (800) 274-0268 or (703) 813-6507
FAX: (703) 354-0370
E-mail: delia.shontere@rutherford.com
Secondary Contact: Sara Payne
Phone: (703) 813-6503
E-mail: sara.payne@rutherford.com

Rates July 22, 2011 through July 21, 2012:

Description	Rate
Services	\$4.00 per \$100 of employee compensation
Construction	\$5.50 per \$100 of employee compensation
Security Contractor/Guards without Aviation Exposure within Global War on Terrorism designated areas (currently designated areas are Iraq and Afghanistan)	\$10.50 per \$100 of employee compensation
Aviation Related Services with Aviation Exposure within Global War on Terrorism designated areas (currently designated areas are Iraq and Afghanistan)	\$20.00 per \$100 of employee compensation

For the purposes of this contract, employee remuneration is defined as salary plus post differential, but excludes per diem, housing allowance, travel expenses, temporary quarters allowance, education allowance and other miscellaneous post allowances.

Please note if a contractor is self-insured they are not required to utilize this contract. The following link provides a list of contractors approved by the Department of Labor as authorized self-insured employers to provide DBA insurance: <http://www.dol.gov/esa/owcp/dlhwc/lscarrrier.htm#authorized%20self-insured%20employers>. Contractors not on this list are not self-insured and are required to use the DoS DBA contract, except for the INL Air Wing contract.

Attachment # 6
DRAWINGS
(Will be provided at site visit)

SECTION K - REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFERORS OR QUOTERS

K.1 52.203-02 CERTIFICATE OF INDEPENDENT PRICE DETERMINATION (APR 1985)

(a) The offeror certifies that-

(1) The prices in this offer have been arrived at independently, without, for the purpose of restricting competition, any consultation, communication, or agreement with any other offeror or competitor relating to-

- (i) Those prices;
- (ii) The intention to submit an offer;, or
- (iii) The methods or factors used to calculate the prices offered.

(2) The prices in this offer have not been and will not be knowingly disclosed by the offeror, directly or indirectly, to any other offeror or competitor before bid opening (in the case of a sealed bid solicitation) or contract award (in the case of a negotiated solicitation) unless otherwise required by law; and

(3) No attempt has been made or will be made by the offeror to induce any other concern to submit or not to submit an offer for the purpose of restricting competition.

(b) Each signature on the offer is considered to be a certification by the signatory that the signatory-

- (1) Is the person in the offeror's organization responsible for determining the prices being offered in this bid or proposal, and that the signatory has not participated and will not participate in any action contrary to subparagraph (a)(1) through (a)(3) above; or
- (2)
 - (i) Has been authorized, in writing, to act as agent for the following principals in certifying that those principals have not participated, and will not participate in any action contrary to subparagraphs (a)(1) through (a)(3) above ***[insert full name of person(s) in the offeror's organization responsible for determining the prices offered in this bid or proposal, and the title of his or her position in the offeror's organization]***; and
 - (ii) As an authorized agent, does certify that the principals named in subdivision (b)(2)(i) above have not participated, and will not participate, in any action contrary to subparagraphs (a)(1) through (a)(3) above; and
 - (iii) As an agent, has not personally participated, and will not participate, in any action contrary to subparagraphs (a)(1) through (a)(3) above.

- (c) If the offeror deletes or modifies subparagraph (a)(2) above, the offeror must furnish with its offer a signed statement setting forth in detail the circumstances of the disclosure.

K.2 52.203-11 CERTIFICATION AND DISCLOSURE REGARDING PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS (SEP 2007)

- (a) **Definitions.** As used in this provision – “Lobbying contact” has the meaning provided at 2 USC 1602(8). The terms “agency”, “influencing or attempting to influence”, “officer or employee of an agency”, “person”, “reasonable compensation”, and “regularly employed” are defined in the FAR clause of this solicitation entitled Limitation on Payments to Influence Certain Federal Transactions (52.203-12).
- (b) **Prohibition.** The prohibition and exceptions contained in the FAR clause of this solicitation entitled “Limitation on Payments to Influence Certain Federal Transactions” (52.203-12) are hereby incorporated by reference in this provision.
- (c) **Certification.** The offeror, by signing its offer, hereby certifies to the best of his or her knowledge and belief that no Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a member of Congress on its behalf in connection with the awarding of this contract.
- (d) **Disclosure.** If any registrants under the Lobbying Disclosure Act of 1995 have made a lobbying contract on behalf of the offeror with respect to this contract, the offeror shall complete and submit, with its officer, OMB Standard Form LLL, Disclosure of Lobbying Activities, to provide the name of the registrants. The offeror need not report regularly employed officers or employees of the offeror to whom payments of reasonable compensation were made.
- (e) **Penalty.** Submission of this certification and disclosure is a prerequisite for making or entering into this contract imposed by 31 USC 1352. Any persons who makes an expenditure prohibited under this provision or who fails to file or amend the disclosure required to be filed or amended by this provision, shall be subject to a civil penalty of not less than \$10,000, and not more than \$150,000, for each failure.

K.3 52.204-3 TAXPAYER IDENTIFICATION (OCT 98)

- (a) **Definitions:**

"Common parent", as used in this provision, means that corporate entity that owns or controls an affiliated group of corporations that files its Federal income tax returns on a consolidated basis, and of which the offeror is a member.

"Taxpayer Identification Number (TIN)", as used in this provision, means the number required by the IRS to be used by the offeror in reporting income tax and other returns. The TIN may be either a Social Security Number or an Employer Identification Number.

- (b) All offerors must submit the information required in paragraphs (d) through (f) of this provision in order to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325 (d), reporting requirements of 26 USC 6041, 6041A, and 6050M and implementing regulations issued by the Internal Revenue Service (IRS). If the resulting contract is subject to the reporting requirements described in FAR 4.904, the failure or refusal by the offeror to furnish the information may result in a 31 percent reduction of payments otherwise due under the contract.
- (c) The TIN may be used by the Government to collect and report on any delinquent amounts arising out of the offeror's relationship with the Government (31 USC 7701(c)(3)). If the resulting contract is subject to the payment reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the offeror's TIN.
- (d) Taxpayer Identification Number (TIN).

TIN: _____

- ___ TIN has been applied for.
- ___ TIN is not required because:
- ___ Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the U.S. and does not have an office or place of business or a fiscal paying agent in the U.S.;
- ___ Offeror is an agency or instrumentality of a foreign government;
- ___ Offeror is an agency or instrumentality of the Federal Government.

- (e) Type of Organization.

- ___ Sole Proprietorship;
- ___ Partnership;
- ___ Corporate Entity (not tax exempt);
- ___ Corporate Entity (tax exempt);
- ___ Government entity (Federal, State, or local);
- ___ Foreign government;
- ___ International organization per 26 CFR 1.6049-4;
- ___ Other _____

- (f) Common Parent.

- ___ Offeror is not owned or controlled by a common parent as defined in paragraph (a) of this clause.
- ___ Name and TIN of common parent;

Name _____

TIN _____

K.4 52.204-8 Annual Representations and Certifications (MAY 2011)

- (a)(1) The North American Industry Classification System (NAICS) code for this acquisition is 236118.
- (2) The small business size standard is \$33.5M.
- (3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.
- (b)(1) If the clause at 52.204-7, Central Contractor Registration, is included in this solicitation, paragraph (d) of this provision applies.
- (2) If the clause at 52.204-7 is not included in this solicitation, and the offeror is currently registered in CCR, and has completed the ORCA electronically, the offeror may choose to use paragraph (d) of this provision instead of completing the corresponding individual representations and certifications in the solicitation. The offeror shall indicate which option applies by checking one of the following boxes:
- [] (i) Paragraph (d) applies.
- [] (ii) Paragraph (d) does not apply and the offeror has completed the individual representations and certifications in the solicitation.
- (c)(1) The following representations or certifications in ORCA are applicable to this solicitation as indicated:
- (i) 52.203-2, Certificate of Independent Price Determination. This provision applies to solicitations when a firm-fixed-price contract or fixed-price contract with economic price adjustment is contemplated, unless—
- (A) The acquisition is to be made under the simplified acquisition procedures in Part 13;
- (B) The solicitation is a request for technical proposals under two-step sealed bidding procedures;
- or
- (C) The solicitation is for utility services for which rates are set by law or regulation.
- (ii) 52.203-11, Certification and Disclosure Regarding Payments to Influence Certain Federal Transactions. This provision applies to solicitations expected to exceed \$150,000.
- (iii) 52.204-3, Taxpayer Identification. This provision applies to solicitations that do not include the clause at 52.204-7, Central Contractor Registration.
- (iv) 52.204-5, Women-Owned Business (Other Than Small Business). This provision applies to solicitations that—
- (A) Are not set aside for small business concerns;
- (B) Exceed the simplified acquisition threshold; and
- (C) Are for contracts that will be performed in the United States or its outlying areas.
- (v) 52.209-2, Prohibition on Contracting with Inverted Domestic Corporations—Representation. This provision applies to solicitations using funds appropriated in fiscal years 2008, 2009, or 2010.

- (vi) 52.209-5, Certification Regarding Responsibility Matters. This provision applies to solicitations where the contract value is expected to exceed the simplified acquisition threshold.
- (vii) 52.214-14, Place of Performance—Sealed Bidding. This provision applies to invitations for bids except those in which the place of performance is specified by the Government.
- (viii) 52.215-6, Place of Performance. This provision applies to solicitations unless the place of performance is specified by the Government.
- (ix) 52.219-1, Small Business Program Representations (Basic & Alternate I). This provision applies to solicitations when the contract will be performed in the United States or its outlying areas.
- (A) The basic provision applies when the solicitations are issued by other than DoD, NASA, and the Coast Guard.
- (B) The provision with its Alternate I applies to solicitations issued by DoD, NASA, or the Coast Guard.
- (x) 52.219-2, Equal Low Bids. This provision applies to solicitations when contracting by sealed bidding and the contract will be performed in the United States or its outlying areas.
- (xi) 52.222-22, Previous Contracts and Compliance Reports. This provision applies to solicitations that include the clause at 52.222-26, Equal Opportunity.
- (xii) 52.222-25, Affirmative Action Compliance. This provision applies to solicitations, other than those for construction, when the solicitation includes the clause at 52.222-26, Equal Opportunity.
- (xiii) 52.222-38, Compliance with Veterans' Employment Reporting Requirements. This provision applies to solicitations when it is anticipated the contract award will exceed the simplified acquisition threshold and the contract is not for acquisition of commercial items.
- (xiv) 52.223-1, Biobased Product Certification. This provision applies to solicitations that require the delivery or specify the use of USDA-designated items; or include the clause at 52.223-2, Affirmative Procurement of Biobased Products Under Service and Construction Contracts.
- (xv) 52.223-4, Recovered Material Certification. This provision applies to solicitations that are for, or specify the use of, EPA-designated items.
- (xvi) 52.225-2, Buy American Act Certificate. This provision applies to solicitations containing the clause at 52.225-1.
- (xvii) 52.225-4, Buy American Act—Free Trade Agreements—Israeli Trade Act Certificate. (Basic, Alternate I, and Alternate II) This provision applies to solicitations containing the clause at 52.225-3.
- (A) If the acquisition value is less than \$25,000, the basic provision applies.
- (B) If the acquisition value is \$25,000 or more but is less than \$50,000, the provision with its Alternate I applies.
- (C) If the acquisition value is \$50,000 or more but is less than \$67,826, the provision with its Alternate II applies.
- (xviii) 52.225-6, Trade Agreements Certificate. This provision applies to solicitations containing the clause at 52.225-5.
- (xix) 52.225-20, Prohibition on Conducting Restricted Business Operations in Sudan—Certification. This provision applies to all solicitations.

(xx) 52.225-25, Prohibition on Engaging in Sanctioned Activities Relating to Iran-Certification. This provision applies to all solicitations.

(xxi) 52.226-2, Historically Black College or University and Minority Institution Representation. This provision applies to—

(A) Solicitations for research, studies, supplies, or services of the type normally acquired from higher educational institutions; and

(B) For DoD, NASA, and Coast Guard acquisitions, solicitations that contain the clause at 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns.

(2) The following certifications are applicable as indicated by the Contracting Officer:

___ (i) 52.219-22, Small Disadvantaged Business Status.

___ (A) Basic.

___ (B) Alternate I.

___ (ii) 52.222-18, Certification Regarding Knowledge of Child Labor for Listed End Products.

___ (iii) 52.222-48, Exemption from Application of the Service Contract Act to Contracts for Maintenance, Calibration, or Repair of Certain Equipment Certification.

___ (iv) 52.222-52, Exemption from Application of the Service Contract Act to Contracts for Certain Services—Certification.

___ (v) 52.223-9, with its Alternate I, Estimate of Percentage of Recovered Material Content for EPA—Designated Products (Alternate I only).

___ (vi) 52.227-6, Royalty Information.

___ (A) Basic.

___ (B) Alternate I.

___ (vii) 52.227-15, Representation of Limited Rights Data and Restricted Computer Software.

(d) The offeror has completed the annual representations and certifications electronically via the Online Representations and Certifications Application (ORCA) website at <http://orca.bpn.gov>. After reviewing the ORCA database information, the offeror verifies by submission of the offer that the representations and certifications currently posted electronically that apply to this solicitation as indicated in paragraph (c) of this provision have been entered or updated within the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer and are incorporated in this offer by reference (see FAR 4.1201); except for the changes identified below [*offeror to insert changes, identifying change by clause number, title, date*]. These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer.

FAR CLAUSE #	TITLE	DATE	CHANGE
_____	_____	_____	_____

Any changes provided by the offeror are applicable to this solicitation only, and do not result in an update to the representations and certifications posted on ORCA.

(End of provision)

K. 5 RESERVED

K.6. 52.225-18 Place of Manufacture (Sept 2006)

(a) *Definitions.* As used in this clause—

“Manufactured end product” means any end product in Federal Supply Classes (FSC) 1000-9999, except—

- (1) FSC 5510, Lumber and Related Basic Wood Materials;
- (2) Federal Supply Group (FSG) 87, Agricultural Supplies;
- (3) FSG 88, Live Animals;
- (4) FSG 89, Food and Related Consumables;
- (5) FSC 9410, Crude Grades of Plant Materials;
- (6) FSC 9430, Miscellaneous Crude Animal Products, Inedible;
- (7) FSC 9440, Miscellaneous Crude Agricultural and Forestry Products;
- (8) FSC 9610, Ores;
- (9) FSC 9620, Minerals, Natural and Synthetic; and
- (10) FSC 9630, Additive Metal Materials.

“Place of manufacture” means the place where an end product is assembled out of components, or otherwise made or processed from raw materials into the finished product that is to be provided to the Government. If a product is disassembled and reassembled, the place of reassembly is not the place of manufacture.

(b) For statistical purposes only, the offeror shall indicate whether the place of manufacture of the end products it expects to provide in response to this solicitation is predominantly—

- (1) ☐ In the United States (Check this box if the total anticipated price of offered end products manufactured in the United States exceeds the total anticipated price of offered end products manufactured outside the United States); or
- (2) ☐ Outside the United States.

K.7 52.225-20 PROHIBITION ON CONDUCTING RESTRICTED BUSINESS OPERATIONS IN SUDAN— CERTIFICATION (AUG 2009)

(a) *Definitions.* As used in this provision—

“Business operations” means engaging in commerce in any form, including by acquiring, developing, maintaining, owning, selling, possessing, leasing, or operating equipment, facilities, personnel, products, services, personal property, real property, or any other apparatus of business or commerce.

“Marginalized populations of Sudan” means—

- (1) Adversely affected groups in regions authorized to receive assistance under section 8(c) of the Darfur Peace and Accountability Act (Pub. L. 109-344) ([50 U.S.C. 1701 note](#)); and
- (2) Marginalized areas in Northern Sudan described in section 4(9) of such Act.

“Restricted business operations” means business operations in Sudan that include power production activities, mineral extraction activities, oil-related activities, or the production of military equipment, as

those terms are defined in the Sudan Accountability and Divestment Act of 2007 (Pub. L. 110-174). Restricted business operations do not include business operations that the person conducting the business can demonstrate—

- (1) Are conducted under contract directly and exclusively with the regional government of southern Sudan;
- (2) Are conducted pursuant to specific authorization from the Office of Foreign Assets Control in the Department of the Treasury, or are expressly exempted under Federal law from the requirement to be conducted under such authorization;
- (3) Consist of providing goods or services to marginalized populations of Sudan;
- (4) Consist of providing goods or services to an internationally recognized peacekeeping force or humanitarian organization;
- (5) Consist of providing goods or services that are used only to promote health or education;
- or
- (6) Have been voluntarily suspended.

(b) *Certification.* By submission of its offer, the offeror certifies that it does not conduct any restricted business operations in Sudan.

K.8 RESERVED

K.9 652.225-70 ARAB LEAGUE BOYCOTT OF ISRAEL (AUG 1999)

(a) DEFINITIONS. As used in this provision:

Foreign person means any person other than a United States person as defined below.

United States person means any United States resident or national (other than an individual resident outside the United States and employed by other than a United States person), any domestic concern (including any permanent domestic establishment of any foreign concern), and any foreign subsidiary or affiliate (including any permanent foreign establishment) of any domestic concern which is controlled in fact by such domestic concern, as provided under the Export Administration Act of 1979, as amended.

(b) CERTIFICATION. By submitting this offer, the offeror certifies that it is not:

- (1) Taking or knowingly agreeing to take any action, with respect to the boycott of Israel by Arab League countries, which Section 8(a) of the Export Administration Act of 1979, as amended (50 U.S.C. 2407(a)) prohibits a United States person from taking; or,
- (2) Discriminating in the award of subcontracts on the basis of religion.

K.10 652.228-70 DEFENSE BASE ACT – COVERED CONTRACTOR EMPLOYEES (JUN 2006)

(a) Bidders/offerors shall indicate below whether or not any of the following categories of employees will be employed on the resultant contract, and, if so, the number of such employees:

Category	Yes/No	Number
(1) United States citizens or residents		
(2) Individuals hired in the United States, regardless of citizenship		
(3) Local nationals or third country nationals where contract performance takes place in a country where there are no local workers' compensation laws		Local nationals: Third Country Nationals:
(4) Local nationals or third country nationals where contract performance takes place in a country where there are local workers' compensation laws		Local nationals: Third Country Nationals:

- (b) The contracting officer has determined that for performance in the country of Iraq
- ☐ Workers' compensation laws exist that will cover local nationals and third country nationals.
- ☒ Workers' compensation laws do not exist that will cover local nationals and third country nationals.
- (c) If the bidder/offeror has indicated "yes" in block (a)(4) of this provision, the bidder/offeror shall not purchase Defense Base Act insurance for those employees. However, the bidder/offeror shall assume liability toward the employees and their beneficiaries for war-hazard injury, death, capture, or detention, in accordance with the clause at FAR 52.228-4.
- (d) If the bidder/offeror has indicated "yes" in blocks (a)(1), (2), or (3) of this provision, the bidder/offeror shall compute Defense Base Act insurance costs covering those employees pursuant to the terms of the contract between the Department of State and the Department's Defense Base Act insurance carrier at the rates specified in DOSAR 652.228-74, Defense Base Act Insurance Rates – Limitation. If DOSAR provision 652.228-74 is not included in this solicitation, the bidder/offeror shall notify the contracting officer before the closing date so that the solicitation can be amended accordingly.

K.11. 52.209-2 Prohibition on Contracting with Inverted Domestic Corporations—Representation.
(May 2011)

- (a) *Definition*. “Inverted domestic corporation” and “subsidiary” have the meaning given in the clause of this contract entitled Prohibition on Contracting with Inverted Domestic Corporations (52.209-10).
- (b) *Relation to Internal Revenue Code*. An inverted domestic corporation as herein defined does not meet the definition of an inverted domestic corporation as defined by the Internal Revenue Code at 26 U.S.C. 7874 .
- (c) *Representation*. By submission of its offer, the offeror represents that—
 - (1) It is not an inverted domestic corporation; and
 - (2) It is not a subsidiary of an inverted domestic corporation.

(End of provision)

K.12 52.209-5 CERTIFICATION REGARDING RESPONSIBILITY MATTERS (APR 2010)

- (a)(1) The Offeror certifies, to the best of its knowledge and belief, that—
 - (i) The Offeror and/or any of its Principals—
 - (A) Are o are not o presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency;
 - (B) Have o have not o, within a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) contract or subcontract; violation of Federal or State antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, violating Federal criminal tax laws, or receiving stolen property (if offeror checks “have”, the offeror shall also see 52.209-7, if included in this solicitation);
 - (C) Are o are not o presently indicted for, or otherwise criminally or civilly charged by a governmental entity with, commission of any of the offenses enumerated in paragraph (a)(1)(i)(B) of this provision;
 - (D) Have o, have not o, within a three-year period preceding this offer, been notified of any delinquent Federal taxes in an amount that exceeds \$3,000 for which the liability remains unsatisfied.
 - (1) Federal taxes are considered delinquent if both of the following criteria apply:
 - (i) *The tax liability is finally determined*. The liability is finally determined if it has been assessed. A liability is not finally determined if there is a pending administrative or judicial challenge. In the case of a judicial challenge to the liability, the liability is not finally determined until all judicial appeal rights have been exhausted.

(ii) *The taxpayer is delinquent in making payment.* A taxpayer is delinquent if the taxpayer has failed to pay the tax liability when full payment was due and required. A taxpayer is not delinquent in cases where enforced collection action is precluded.

(2) *Examples.*

(i) The taxpayer has received a statutory notice of deficiency, under I.R.C. § 6212, which entitles the taxpayer to seek Tax Court review of a proposed tax deficiency. This is not a delinquent tax because it is not a final tax liability. Should the taxpayer seek Tax Court review, this will not be a final tax liability until the taxpayer has exercised all judicial appeal rights.

(ii) The IRS has filed a notice of Federal tax lien with respect to an assessed tax liability, and the taxpayer has been issued a notice under I.R.C. § 6320 entitling the taxpayer to request a hearing with the IRS Office of Appeals contesting the lien filing, and to further appeal to the Tax Court if the IRS determines to sustain the lien filing. In the course of the hearing, the taxpayer is entitled to contest the underlying tax liability because the taxpayer has had no prior opportunity to contest the liability. This is not a delinquent tax because it is not a final tax liability. Should the taxpayer seek tax court review, this will not be a final tax liability until the taxpayer has exercised all judicial appeal rights.

(iii) The taxpayer has entered into an installment agreement pursuant to I.R.C. § 6159. The taxpayer is making timely payments and is in full compliance with the agreement terms. The taxpayer is not delinquent because the taxpayer is not currently required to make full payment.

(iv) The taxpayer has filed for bankruptcy protection. The taxpayer is not delinquent because enforced collection action is stayed under 11 U.S.C. 362 (the Bankruptcy Code).

(ii) The Offeror has or has not, within a three-year period preceding this offer, had one or more contracts terminated for default by any Federal agency.

(2) “Principal,” for the purposes of this certification, means an officer, director, owner, partner, or a person having primary management or supervisory responsibilities within a business entity (*e.g.*, general manager; plant manager; head of a division or business segment; and similar positions).

This Certification Concerns a Matter Within the Jurisdiction of an Agency of the United States and the Making of a False, Fictitious, or Fraudulent Certification May Render the Maker Subject to Prosecution Under Section 1001, Title 18, United States Code.

- (b) The Offeror shall provide immediate written notice to the Contracting Officer if, at any time prior to contract award, the Offeror learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
- (c) A certification that any of the items in paragraph (a) of this provision exists will not necessarily result in withholding of an award under this solicitation. However, the certification will be considered in connection with a determination of the Offeror’s responsibility. Failure of the Offeror to furnish a

certification or provide such additional information as requested by the Contracting Officer may render the Offeror nonresponsible.

- (d) Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by paragraph (a) of this provision. The knowledge and information of an Offeror is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
- (e) The certification in paragraph (a) of this provision is a material representation of fact upon which reliance was placed when making award. If it is later determined that the Offeror knowingly rendered an erroneous certification, in addition to other remedies available to the Government, the Contracting Officer may terminate the contract resulting from this solicitation for default.

(End of provision)

K.13 52.225-25 Prohibition on Engaging in Sanctioned Activities Relating to Iran – Certification (SEP 2010)

(a) *Definition.*

“Person”—

(1) Means—

- (i) A natural person;
- (ii) A corporation, business association, partnership, society, trust, financial institution, insurer, underwriter, guarantor, and any other business organization, any other nongovernmental entity, organization, or group, and any governmental entity operating as a business enterprise; and
- (iii) Any successor to any entity described in paragraph (1)(ii) of this definition; and

(2) Does not include a government or governmental entity that is not operating as a business enterprise.

- (b) *Certification.* Except as provided in paragraph (c) of this provision or if a waiver has been granted in accordance with FAR 25.703-2(d), by submission of its offer, the offeror certifies that the offeror, or any person owned or controlled by the offeror, does not engage in any activities for which sanctions may be imposed under section 5 of the Iran Sanctions Act of 1996. These sanctioned activities are in the areas of development of the petroleum resources of Iran, production of refined petroleum products in Iran, sale and provision of refined petroleum products to Iran, and contributing to Iran’s ability to acquire or develop certain weapons.

- (c) *Exception for trade agreements.* The certification requirement of paragraph (b) of this provision does not apply if—

- (1) This solicitation includes a trade agreements certification (*e.g.*, [52.225-4](#), [52.225-11](#) or comparable agency provision); and
- (2) The offeror has certified that all the offered products to be supplied are designated country end products or designated country construction material.

(End of provision)

SECTION L - INSTRUCTIONS, CONDITIONS, AND NOTICES TO OFFERORS OR QUOTERS

L.1 52.252-1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates the following provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at:

<http://acquisition.gov/far/index.html/> or, <http://farsite.hill.af.mil/search.htm>

These addresses are subject to change. If the Federal Acquisition Regulation (FAR) is not available at the locations indicated above, use of an Internet "search engine" (such as, Yahoo, Infoseek, Alta Vista, etc.) is suggested to obtain the latest location of the most current FAR.

<http://www.statebuy.state.gov/>

FEDERAL ACQUISITION REGULATION (48 CFR CH. 1)

52.204-6	CONTRACTOR IDENTIFICATION NUMBER-DATA UNIVERSAL NUMBERING SYSTEM (DUNS) NUMBER	APR 2008
52.214-34	SUBMISSION OF OFFERS IN THE ENGLISH LANGUAGE	APR 1991
52.215-1	INSTRUCTIONS TO OFFERORS – COMPETITIVE ACQUISITION	JAN 2004
52.236-28	PREPARATION OF PROPOSALS – CONSTRUCTION	OCT 1997

L.2 SOLICITATION PROVISIONS IN FULL TEXT

52.216-1 TYPE OF CONTRACT (APR 1984)

The Government contemplates award of a firm fixed price contract resulting from this solicitation.

52.233-2 SERVICE OF PROTEST (SEPT 2006)

- (a) Protests, as defined in section 33.101 of the Federal Acquisition Regulation, that are filed directly with an agency, and copies of any protests that are filed with the General Accounting Office (GAO), shall be served on the Contracting Officer (addressed as follows) by obtaining written and dated acknowledgment of receipt from BaghdadGSOProcBid@state.gov.

- (b) The copy of any protest shall be received in the office designated above within one day of filing a protest with the GAO.

L.3 QUALIFICATIONS OF OFFERORS

Offerors must be technically qualified and financially responsible to perform the work described in this solicitation. At a minimum, each Offeror must meet the following requirements:

- (1) Be able to understand written and spoken English;
- (2) Have an established business with a permanent address and telephone listing;
- (3) Be able to demonstrate prior construction experience with suitable references for company and Project manager;
- (4) Have the necessary personnel, equipment and financial resources available to perform the work;
- (5) Have all licenses and permits required by local law;
- (6) Meet all local insurance requirements;
- (7) Have the ability to obtain a performance and guarantee bond and a payment bond, or to post adequate performance security, such as irrevocable letters of credit or guarantees issued by a reputable financial institution;
- (8) Have no adverse criminal record; and
- (9) Have no political or business affiliation which could be considered contrary to the interests of the United States.

L.4 REVIEW OF DOCUMENTS

Each Offeror is responsible for:

- (1) Obtaining a complete set of contract drawings and specifications;
- (2) Thoroughly reviewing such documents and understanding their requirements;
- (3) Visiting the project site and becoming familiar with all working conditions, local laws and regulations; and
- (4) Determining that all materials, equipment and labor required for the work are available.

Any ambiguity in the solicitation, including specifications and contract drawings, must be reported immediately to the Contracting Officer. Any prospective Offeror who requires a clarification, explanation or interpretation of the contract requirements must make a request to the Contracting Officer not less than ten working days before the closing date of the solicitation. Offerors may rely ONLY upon written interpretations by the Contracting Officer.

L.5 SUBMISSION OF OFFERS

L.5.1 SUMMARY OF INSTRUCTIONS

Each offer shall consist of the following physically separate volumes:

Volume	Title	No. of Copies*
I	Executed Standard Form 1442, <i>Solicitation, Offer and Award (Construction, Alteration, or Repair)</i> , and completed Section K	One
II	Price Proposal and Completed Section B. The price proposal shall include a completed Section J, Attachment 3, "Breakdown of Proposal Price by Divisions of Specifications".	One
III	Performance schedule in the form of a "bar chart" and Business Management/Technical Proposal.	One

Submit the complete offer to the address indicated at Block 7 of Standard Form (SF) 1442, if mailed, or the address set forth below, if hand delivered (if this is left blank, the address is the same as that in Block 7 of SF 1442).

U.S Embassy
Al Kindi Street
Baghdad International Zone, Iraq
(marked for the attention of the "**Contracting Officer – Proposal S-IZ100-11-R-0060 Enclosed**")

The offeror shall identify and explain/justify any deviations, exceptions, or conditional assumptions taken with respect to any of the instructions or requirements of this solicitation in the appropriate volume of the offer.

L.5.2 DETAILED INSTRUCTIONS

L.5.2.1 Volume I: Standard Form (SF) 1442 and Section K. Complete blocks 14 through 20C of the SF 1442 and all of Section K.

L.5.2.2 Volume II: Price proposal and Section B. The price proposal shall consist of completion of Section B and Section J, Attachment 3, "BREAKDOWN OF PROPOSAL PRICE BY DIVISIONS OF SPECIFICATIONS. Complete all applicable portions of this form in each relevant category (such as., labor, materials, etc.).

L.5.2.3 Volume III: Performance schedule and Business Management/Technical Proposal.

- (a) Present the performance schedule in the form of a "bar chart" indicating when the various portions of the work will be commenced and completed within the required contract completion schedule.

This bar chart shall be in sufficient detail to clearly show each segregable portion of work and its planned commencement and completion date.

- (b) The Business Management/Technical Proposal shall be in two parts, including the following information:

PROPOSED WORK INFORMATION - Provide the following:

- (1) A list of the names, addresses and telephone numbers of the owners, partners, and principal officers of the Offeror;
- (2) The name and address of the Offeror's field superintendent for this project; and
- (3) A list of the names, addresses, and telephone numbers of subcontractors and principal materials suppliers to be used on the project, indicating what portions of the work will be performed by them.

EXPERIENCE AND PAST PERFORMANCE - List all contracts and subcontracts your company has held over the past three years for the same or similar work. Provide the following information for each contract and subcontract:

- (1) Customer's name, address, and telephone numbers of customer's lead contract and technical personnel;
- (2) Contract number and type;
- (3) Date of the contract award place(s) of performance, and completion dates;
- (4) Contract dollar value;
- (5) Brief description of the work, including responsibilities;
- (6) Comparability to the work under this solicitation;
- (7) Brief discussion of any major technical problems and their resolution;
- (8) Method of acquisition (fully competitive, partially competitive, or noncompetitive), and the basis for award (cost/price, technical merit, etc.);
- (9) Cost/price management history, including any cost overruns and under runs, and cost growth and changes;
- (10) Percent turnover of contract key technical personnel per year; and
- (11) Any terminations (partial or complete) and the reason (convenience or default)
- (12) Identify any accidents or safety concerns that occurred and resolution.

LICENSES

- (1) A copy of the company registration with the Iraqi Ministry of Trade, or
- (2) For foreign companies, a copy of the company registration with the Foreign Companies Section of the Iraqi Ministry of Trade,

INSURANCE & PAYMENT PROTECTION INFORMATION

- (1) A statement identifying the insurance company from which the general liability insurance policy will be purchased if awarded the contract
- (2) A statement identifying the bank which will issue the bank guaranty letter if awarded the contract

L.6 52.236-27 SITE VISIT (FEB 1995)

- (a) The clauses at 52.236-2, Differing Site Conditions, and 52.236-3, Site Investigations and Conditions Affecting the Work, will be included in any contract awarded as a result of this solicitation. Accordingly, offerors or quoters are urged and expected to inspect the site where the work will be performed.
- (b) A site visit has been scheduled for 10:00 on Wednesday September 7, 2011.
- (c) Participants will meet at the Ankawa Compound in Erbil, Iraq.
- (d) In order to be admitted to the Site Visit, a Site Visit Registration form must be submitted by email to this address BaghdadGSOProcurement@state.gov to the attention of Desiree Tupper no later than 12:00 on Wednesday, August 31, 2011. No more than 1 person will be admitted from each company. The form is available for download from the Embassy web site at http://iraq.usembassy.gov/gso_procurement.html or you may request a copy of the form by email at BaghdadGSOProcurement@state.gov.

L.7 652.206-70 COMPETITION ADVOCATE/OMBUDSMAN (AUG 1999) (DEVIATION)
COMPETITION ADVOCATE/OMBUDSMAN (AUG 1999)(DEVIATION)

- (a) The Department of State's Competition Advocate is responsible for assisting industry in removing restrictive requirements from Department of State solicitations and removing barriers to full and open competition and use of commercial items. If such a solicitation is considered competitively restrictive or does not appear properly conducive to competition and commercial practices, potential offerors are encouraged to first contact the contracting office for the respective solicitation. If concerns remain unresolved, contact the Department of State Competition Advocate on (703) 516-1693, by fax at (703) 875-6155, or write to: U.S. Department of State, Competition Advocate, Office of the Procurement Executive (A/OPE), Suite 900, SA-27, Washington, DC 20522-2712.
- (b) The Department of State's Acquisition Ombudsman has been appointed to hear concerns from potential offerors and contractors during the pre-award and post-award phases of this acquisition. The role of the ombudsman is not to diminish the authority of the contracting officer, the Technical Evaluation Panel or Source Evaluation Board, or the selection official. The purpose of the ombudsman is to facilitate the communication of concerns, issues, disagreements, and recommendations of interested parties to the appropriate Government personnel, and work to resolve them. When requested and appropriate, the ombudsman will maintain strict confidentiality as to the source of the concern. The ombudsman does not participate in the evaluation of proposals, the source selection process, or the adjudication of formal contract disputes. Interested parties are invited to contact the contracting activity ombudsman, Management Counselor, at email BaghdadGSOProcurement@state.gov. For an American Embassy or overseas post, refer to the numbers below for the Department Acquisition Ombudsman. Concerns, issues, disagreements, and recommendations which cannot be resolved at a contracting activity level may be referred to the Department of State Acquisition Ombudsman at (703) 516-1693, by fax at (703) 875-6155, or write to: Department of State, Acquisition Ombudsman, Office of the Procurement Executive (A/OPE), Suite 900, SA-27, Washington, DC 20522-2712.

(End of provision)

652.228-74 DEFENSE BASE ACT INSURANCE RATES – LIMITATION (JUN 2006)

- (a) The Department of State has entered into a contract with an insurance carrier to provide Defense Base Act (DBA) insurance to Department of State covered contractor employees at a contracted rate. For the purposes of this provision, “covered contractor employees” includes the following individuals:
- (1) United States citizens or residents;
 - (2) Individuals hired in the United States or its possessions, regardless of citizenship; and
 - (3) Local nationals and third country nationals where contract performance takes place in a country where there are no local workers’ compensation laws.
- (b) In preparing the cost proposal, the bidder/offeror shall use the following rates in computing the cost for the DBA insurance:
- Services @ \$4.00 per \$100.00 of employee compensation; or
- Construction @ \$5.50 per \$100.00 of employee compensation.
- (c) Bidders/Offerors shall compute the total compensation (direct salary plus differential, but excluding per diem, housing allowances) to be paid to covered contractor employees and the cost of DBA insurance in their bid/proposal using the foregoing rate. Bidders/offerors shall include the estimated DBA insurance costs in their proposed fixed price or estimated cost. However, the DBA insurance costs shall be identified in a separate line item in the bid proposal.”

L.8 MAGNITUDE OF CONSTRUCTION PROJECT

It is anticipated that the range in price of this contract will be: between \$250,000 and \$500,000.

L.9 FINANCIAL STATEMENT

If asked by the Contracting Officer, the offeror shall provide a current statement of its financial condition, certified by a third party, that includes:

Income (profit-loss) Statement that shows profitability for the past Two (2) years;

Balance Sheet that shows the assets owned and the claims against those assets, or what a firm owns and what it owes; and

Cash Flow Statement that shows the firm’s sources and uses of cash during the most recent accounting period. This will help the Government assess a firm’s ability to pay its obligations.

The Government will use this information to determine the offeror's financial responsibility and ability to perform under the contract. Failure of an offeror to comply with a request for this information may cause the Government to determine the offeror to be nonresponsible.

SECTION M - EVALUATION FACTORS FOR AWARD

M.1 EVALUATION OF PROPOSALS

M.1.1 GENERAL. To be acceptable and eligible for evaluation, proposals must be prepared in accordance with Section L - INSTRUCTIONS, CONDITIONS AND NOTICES TO OFFERORS, and must meet all the requirements set forth in the other sections of this solicitation.

M.1.2 BASIS FOR AWARD.

The Government intends to award a contract resulting from this solicitation to the lowest priced, technically acceptable offeror who is a responsible contractor. The evaluation procedures are set forth below:

- (a) **INITIAL EVALUATION.** The Government will evaluate all proposals received to ensure that each proposal is complete in terms of submission of each required volume, as specified in Section L. The Government may reject proposals which are missing a significant amount of the required information.
- (b) **TECHNICAL EVALUATION.** After the Initial Evaluation, the Government will review those proposals remaining for consideration to determine technical acceptability. The Government will consider the following evaluation criteria in determining the acceptability of the technical proposal. To be considered technically acceptable, the technical proposal must provide the information requested in Section L and conform to the requirements of the solicitation.
 - The Proposed Work Information described in L.5.2.3(b).
 - The qualifications and experience of the offeror's proposed project superintendent and subcontractors.
 - Experience and Past Performance (L.5.2.3.(b)). The Government may contact references to verify the quality of the past performance.
 - The performance schedule (bar chart) (Section L.5.2.3.(a)).
 - Responses to all other technical requirements contained in the solicitation.
- (c) **PRICE EVALUATION**

The Government will conduct an evaluation to determine ultimately if the overall price in Section B is fair and reasonable. In doing so, the Government will examine the completeness, accuracy, and reasonableness of the offeror's prices for all the line items specified in Attachment 3, Breakdown of Price by Divisions of Specifications, and Attachment 4 - Bid Form for each task. The Government

will use one or more of the proposal analysis techniques stipulated in FAR 15.404 to conduct the evaluation. This evaluation will also include a review of the Representation and Certifications and Small Business Subcontracting Plan, if applicable.

- (d) The Government will make a responsibility determination by analyzing whether the apparent successful offeror complies with the requirements of FAR 9.1, including:
- adequate financial resources or the ability to obtain them;
 - ability to comply with the required performance period, taking into consideration all existing commercial and governmental business commitments;
 - satisfactory record of integrity and business ethics;
 - necessary organization, experience, and skills or the ability to obtain them;
 - necessary equipment and facilities or the ability to obtain them; and
 - be otherwise qualified and eligible to receive an award under applicable laws and regulations.

The Government reserves the right to reject proposals that are unreasonably low or high in price. Unsuccessful offerors will be notified in accordance with FAR 15.5.

M.1.3 AWARD SELECTION

The Government will review the prices of all technically acceptable firms and award the contract to the lowest priced, technically acceptable, responsible offeror.

M.2 AWARD WITH OR WITHOUT DISCUSSIONS

Under FAR provision 52.215-1 (included in Section L of this RFP), award of this contract may be made based on initial proposals and without holding discussions, following FAR 15.306(a)(3).

The Government intends to make award without discussions on the basis of initial proposals received. However, the Government may elect to make award with discussions if it is determined to be in the Government's best interest.

If the Government elects to make award with discussions, it reserves the right, before requesting a final proposal revision, to: 1) limit the number of offerors in the competitive range to the greatest number of proposals that will permit an adequate competition among the technically acceptable proposals; 2) make more than one competitive range determination; 3) conduct more than one round of discussions; and 4) conduct more than one round of proposal revisions.

The Government reserves the right to reject an offer if one of the following conditions exists:

- a) Offeror fails to submit any of the required proposal documents required by Section L;
- b) Offeror submits a cost/price proposal that cannot be adequately explained or substantiated;

- c) Offeror submits an offer that could not be made technically acceptable without a major rewrite.
- d) Offeror submits an offer electronically to any email address other than to BaghdadGSOProcBid@state.gov
- e) The offeror does not provide proof that it has the permits and licenses to legally conduct business in Iraq (See section L.5.2.3 Licenses)

M.3 52.225-17 EVALUATION OF FOREIGN CURRENCY OFFERS (FEB 2000):

If the Government receives offers in more than one currency, the Government will evaluate offers by converting the foreign currency to United States currency using the exchange rate used by the Embassy in effect as follows:

- (a) For acquisitions conducted using sealed bidding procedures, on the date of bid opening.
- (b) For acquisitions conducted using negotiation procedures—
 - (1) On the date specified for receipt of offers, if award is based on initial offers; otherwise
 - (2) On the date specified for receipt of proposal revisions.

M.4 SEPARATE CHARGES

Separate charges, in any form, are not solicited. For example, any charges for failure to exercise an option are unacceptable.

M.5 52.216-27 SINGLE OR MULTIPLE AWARDS (OCT 1995)

The Government may elect to award a single task order contract or to award multiple delivery order contracts or task order contracts for the same or similar supplies or services to two or more sources under this solicitation.